# Contents

List of tables and figures xiv
Contributors xv
Series editor’s preface xix
Foreword xx
Acknowledgements xxii

**Introduction** 1
*Ruth Helyer*

What is work-based learning? 1
Who is this book for? 2
What will you find in this book? 3
How can WBL be ‘taught’? 4
What might it be called? 5
Experiential learning – it’s the learning that counts, not the experience 5
Core modules 6
Student support – on campus and at a distance 7
What are the students like? 8
What can we learn from WBL? – cross fertilisation 8
It is HE 9
References 12

1 How does work-based learning fit into higher education? 13
*Ruth Helyer and Jonathan Garnett*

Work-based learning as an educational device 13
Practitioners learning from their authentic practice 16
Distinctive features of HE-level WBL programmes 18
Transdisciplinarity 19
WBL methodologies 19
Mode 2 knowledge and transdisciplinarity 21
Socially constructed knowledge 22
HEI and employer partnerships 26
WBL round the world 28
Where does WBL sit in HE? 29
References 30
Recommended further reading 32

2 Learning, teaching and assessment in work-based learning 33
Barbara Workman and Ruth Helyer
Flexible pedagogies for work-based learners 33
Learning strategies 33
Purposeful reflection 36
Context 37
Maximise learning opportunities 39
Facilitation 42
Becoming a learning facilitator 43
Assessment 44
Who assesses work-based learners? 47
References 50
Recommended further reading 51

3 Flexible frameworks and building blocks 52
Barbara Workman and Darryl Bravenboer
Frameworks to support a flexible response 52
Curriculum philosophy 53
Initial considerations for creating a framework 56
Key components of a WBL framework 57
Using accreditation within a framework 66
Teaching tips: Using accreditation in your HEI 68
Learning, teaching and assessment in a WBL framework 69
References 70
Recommended further reading 71

4 Negotiation and work-based learning 73
Mike Laycock and Mary Karpel
The process of negotiation 73
What are the institutional conditions for authentic and effective negotiation? 74
New pedagogies for learning 76
What can be negotiated? 77
Negotiable elements of a WBL project 79
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The practice of negotiation through learning agreements</td>
<td>80</td>
</tr>
<tr>
<td>The extent of employer engagement in tripartite negotiation</td>
<td>81</td>
</tr>
<tr>
<td>What might a learning agreement involve?</td>
<td>85</td>
</tr>
<tr>
<td>Benefits of learning agreements</td>
<td>85</td>
</tr>
<tr>
<td>Practitioner experiences of the process of negotiation:</td>
<td></td>
</tr>
<tr>
<td>Sharing the learning journey, not just the map</td>
<td>86</td>
</tr>
<tr>
<td>Learner challenges</td>
<td>87</td>
</tr>
<tr>
<td>Tutor challenges</td>
<td>87</td>
</tr>
<tr>
<td>Strategy for supporting the negotiation process</td>
<td>88</td>
</tr>
<tr>
<td>The future of negotiated learning in HE</td>
<td>89</td>
</tr>
<tr>
<td>References</td>
<td>90</td>
</tr>
<tr>
<td>Recommended further reading</td>
<td>93</td>
</tr>
<tr>
<td><strong>5 Recognising and accrediting prior experiential learning</strong></td>
<td>94</td>
</tr>
<tr>
<td><em>Pauline Armsby and Ruth Helyer</em></td>
<td></td>
</tr>
<tr>
<td>Learning from experiencing work and life</td>
<td>94</td>
</tr>
<tr>
<td>The RPL/APL process and why it is important in WBL</td>
<td>95</td>
</tr>
<tr>
<td>Accumulation of credit and recognition of learning</td>
<td>97</td>
</tr>
<tr>
<td>Evaluating knowledge claims</td>
<td>98</td>
</tr>
<tr>
<td>Assessment and evidence</td>
<td>99</td>
</tr>
<tr>
<td>Reflective practice</td>
<td>102</td>
</tr>
<tr>
<td>UK and international terminology and practice</td>
<td>104</td>
</tr>
<tr>
<td>Using technology to facilitate claims</td>
<td>105</td>
</tr>
<tr>
<td>Accreditation</td>
<td>107</td>
</tr>
<tr>
<td>References</td>
<td>111</td>
</tr>
<tr>
<td>Recommended further reading</td>
<td>113</td>
</tr>
<tr>
<td><strong>6 Turning practitioners into practitioner-researchers</strong></td>
<td>114</td>
</tr>
<tr>
<td><em>Tony Wall</em></td>
<td></td>
</tr>
<tr>
<td>Becoming a ‘practitioner-researcher’</td>
<td>114</td>
</tr>
<tr>
<td>Pedagogical scaffolds: Educational’s and pits’ or ‘skeletons’</td>
<td>116</td>
</tr>
<tr>
<td>A pragmatic axiology: Valuing change and practical outcomes</td>
<td>117</td>
</tr>
<tr>
<td>Ontologies and epistemologies: Routes to alternative practices</td>
<td>119</td>
</tr>
<tr>
<td>Explorations (vs representations)</td>
<td>124</td>
</tr>
<tr>
<td>A process for practitioner research</td>
<td>126</td>
</tr>
<tr>
<td>Facilitating the research process</td>
<td>126</td>
</tr>
<tr>
<td>Addendum: Some research terms</td>
<td>131</td>
</tr>
<tr>
<td>References</td>
<td>132</td>
</tr>
<tr>
<td>Recommended further reading</td>
<td>133</td>
</tr>
</tbody>
</table>
### 7 Supporting work-based learners

*Ann Minton and Anita Walsh*

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Differences and challenges of being a work-based learner</td>
<td>135</td>
</tr>
<tr>
<td>How can tutors support work-based learners?</td>
<td>136</td>
</tr>
<tr>
<td>Developing autonomy</td>
<td>137</td>
</tr>
<tr>
<td>Students who are experts</td>
<td>141</td>
</tr>
<tr>
<td>Other support mechanisms</td>
<td>143</td>
</tr>
<tr>
<td>Mentors</td>
<td>146</td>
</tr>
<tr>
<td>Buddy systems</td>
<td>147</td>
</tr>
<tr>
<td>Maintaining momentum</td>
<td>148</td>
</tr>
<tr>
<td>References</td>
<td>150</td>
</tr>
<tr>
<td>Recommended further reading</td>
<td>152</td>
</tr>
</tbody>
</table>

### 8 Quality enhancement and work-based learning

*Helen Corkill and Mark Atlay*

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploring quality enhancement in a work-based learning context</td>
<td>153</td>
</tr>
<tr>
<td>Approaches to quality enhancement</td>
<td>153</td>
</tr>
<tr>
<td>Principles of effective quality implementation</td>
<td>154</td>
</tr>
<tr>
<td>Working at the boundaries</td>
<td>157</td>
</tr>
<tr>
<td>Case studies</td>
<td>158</td>
</tr>
<tr>
<td>References</td>
<td>170</td>
</tr>
<tr>
<td>Recommended further reading</td>
<td>171</td>
</tr>
</tbody>
</table>

### 9 Using social media to enhance work-based learning

*Andy Price*

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is social media and how is it used?</td>
<td>172</td>
</tr>
<tr>
<td>Social media as a learning tool</td>
<td>173</td>
</tr>
<tr>
<td>Using social media in WBL</td>
<td>181</td>
</tr>
<tr>
<td>Virtual learning environments (VLEs)</td>
<td>182</td>
</tr>
<tr>
<td>Barriers and challenges</td>
<td>183</td>
</tr>
<tr>
<td>Identity management</td>
<td>184</td>
</tr>
<tr>
<td>Institutional policy</td>
<td>184</td>
</tr>
<tr>
<td>Employer constraints</td>
<td>185</td>
</tr>
<tr>
<td>Using images and video</td>
<td>185</td>
</tr>
<tr>
<td>Mobile and apps</td>
<td>186</td>
</tr>
<tr>
<td>Writing for social media</td>
<td>187</td>
</tr>
<tr>
<td>Search engine optimisation</td>
<td>187</td>
</tr>
<tr>
<td>References</td>
<td>189</td>
</tr>
<tr>
<td>Recommended further reading</td>
<td>190</td>
</tr>
</tbody>
</table>
10 Learning in the workplace globally 191
   *Ruth Helyer and Jenny Fleming*
   What is crucial to work-based learning? 191
   Learning at work – other models 198
   Terminology confusions around WIL 201
   Connections 202
   Employability 203
   References 204
   Recommended further reading 206

11 Learning to learn 207
   *Ruth Helyer and Andy Price*
   Graduates – traditional and work based 207
   Where does learning happen? 208
   What are employability skills? 210
   Making implicit learning explicit 211
   Reflective analysis for skills development 211
   Sharing reflection 213
   Reflecting through action learning 214
   Theory and reality can meet in reflective practice 215
   Is reflection circular? 216
   Fostering an entrepreneurial mind-set in your students 218
   Developing business literacy 219
   Experiential learning and developing entrepreneurial capacity 220
   The role of extra-curricular activity 222
   References 224
   Recommended further reading 226

12 A transcultural dance: Enriching work-based learning facilitation 227
   *Tony Wall and Ly Tran*
   Being ‘international’ 227
   Models of WBL facilitation 228
   A transcultural dance: A metaphor for mutual adaptivity 232
   References 244
   Recommended further reading 246
How does work-based learning fit into higher education?

Ruth Helyer and Jonathan Garnett

IN THIS CHAPTER YOU WILL:

- Look at the key characteristics of work-based learning
- Be introduced to the importance of experiential learning
- Be given an overview of some learning theories of particular significance for work-based learning
- Be introduced to Mode 2 knowledge and transdisciplinary learning
- See that both individual and organisational development arise from work-based learning
- Compare the similarities between work-based learning and other flexible pedagogies

Work-based learning as an educational device

Work-based learning (WBL) is learning which takes place primarily at and through work and is for the purposes of work, although it is mediated through a higher education institution (HEI). Gibbs and Garnett define WBL as:

A learning process which focuses university level critical thinking upon work (paid or unpaid), in order to facilitate the recognition, acquisition and application of individual and collective knowledge, skills and abilities, to achieve specific outcomes of significance to the learner, their work and the university.

(Gibbs and Garnett, 2007, p. 411)

In the UK, WBL as an educational device is often associated with lower levels, but it can be at any level from 1 to 8 on the Qualifications and Credit Framework (QCF) (see Chapter 3). WBL at higher education (HE) level can range from a component of a course unit to entire qualifications at undergraduate, postgraduate and doctoral levels; it can be used to help
How does work-based learning fit into higher education?

young people integrate work and learning to help them enter employment, or it can be the vehicle that mature students choose to facilitate part of their continuing professional development (Garnett, 2012). WBL focuses on the benefits of real learning from real work.

A work-based learner can be in paid or significant unpaid (for example, voluntary) work. The key defining feature for work-based learners who are studying with an HEI is that the work they are engaged in requires the development and application of high-level learning (levels 4–8) in order for them to be effective in their work. Some of this learning requirement might come from formal learning, but, in most cases, the main source of learning will be the experience of work. Many work-based learners will already be well established in their professional area and are likely to be engaged with HE-level WBL for continuing professional development. Such learners are prone to having considerable knowledge and skills relevant to their work, and so a HEI work-based programme that allows for this pre-understanding to be formally recognised and become part of an integrated programme of personal and professional development is very attractive. This is demonstrated by the following Case study 1.1, where a work-based learner uses his existing expertise to make HE work for him:

Case study 1.1 Work-based learner profile (A): Andrew, a project manager

Andrew is in his mid-forties and has been a project manager for a multinational information technology company for the last 15 years. He chooses an HEI’s work-based learning programme as it enables him to gain recognition for his project management and technical abilities and to plan a programme which focuses upon real-life projects of interest to him and of potential value to his employer and does not require large elements of formal classroom attendance.

Andrew does not have a first degree, but, on the basis of his extensive work history, it has been suggested to him that he could benefit from undertaking a university module designed to facilitate the development of a claim for RPL (recognition of prior experiential learning). The module takes Andrew through a process of guided reflection upon his experience and helps him identify his prior learning in the areas of project management and construction quality assurance. Andrew is required to articulate his learning achievement and supply evidence of it, drawing upon real-life documents and artefacts. The learning described is measured against HE learning outcomes and shows that he is already demonstrating learning achievement beyond that normally expected at undergraduate degree level. As a consequence of this evaluation Andrew is able to gain direct entry with advanced standing to a master’s programme.

continued overleaf
Higher-level WBL in the UK developed from a range of initiatives funded by the Employment Department in the early 1990s (Brennan and Little, 1996) and benefited from a favourable policy context which valued graduate employability and sought to extend participation in HE (Mumford and Roodhouse, 2010). The employability and skills agendas have remained key to successive governments; their overlaps with WBL drivers are debated further in Chapter 10, ‘Learning in the workplace globally’, and Chapter 11, ‘Learning to learn’. Although a small number of UK HEIs (notably Chester, Derby, Middlesex, Northumbria, Portsmouth and Teesside universities) have long-standing experience in delivering programmes created around work-based learners, it is still regarded as an innovative area of practice. Case study 1.2 illustrates the new and developing areas where WBL provides an ideal route for an innovative SME (small and medium-sized enterprises, with less than 250 employees) due to its flexibility, relevance and origin in the real-world workplace:

Case study 1.2 Innovative WBL routes: NAK Australia

NAK Australia is a wholesale distribution company that supplies hair care products. The company’s mission is ‘to supply hairdressers with an Australian-made range of hair care that exceeds the expectations of themselves, their staff and their clients in quality, value and service’.

The work environment is entrepreneurial, non-formal, non-bureaucratic and very fast. NAK management identified that their staff are a critical resource. The concept of learning to learn continuously and rapidly so as to keep abreast

continued overleaf
How does work-based learning fit into higher education?

WBL derives from learning activities anchored in authentic practice and focused upon developing the practitioner’s ability to solve the problems of their everyday professional job roles (for more about what it means to be a practitioner learning from their authentic practice).

Case study 1.2 Innovative WBL routes: NAK Australia continued

of continual change in the sector is a key driver of the organisation. The most pressing problem was how and where did NAK Australia and its people acquire these ongoing skills without each member of staff undertaking many years of personal study within formal courses?

Over a number of years NAK staff had undertaken a range of vocational educational programmes, including a Diploma of Business and a Diploma of Management within a workplace environment. After completing these programmes some of their people decided to enrol on HEI business degrees; however, they found this more traditional education sometimes far too theoretical, removed from the workplace, irrelevant to NAK’s needs and developed by academics not at the workface. They found methods of delivery inflexible in terms of learning styles and participants’ previous skill levels.

They were introduced to the Middlesex University ‘WBL’ model by a consultant to the business; this programme was different, with learning focused on learning at work, learning through work and learning for the purpose of work. Through a Review of Learning module the programme recognised and awarded academic credit for previous learning and work-developed capabilities. Through NAK the Review of Learning module found recognition as a unique learning concept within the Australian HE system.

After taking part in the Review of Learning module, participants took part in further modules: Self-development Plan, Professional Practitioner Inquiry and the Work-Based Project.

The NAK students’ success on the programme was related to several factors:

- The programme used ‘WBL’ methodology.
- The organisation was in support of developing its people.
- The HEI provided excellent resource materials to support the students.

The students were mentored and guided by a professional academic mentor who offered a combination of academic and practitioner credibility, together with a passion for developing people within a work-based environment.

The cohort all successfully completed the BA (Hons) (Professional Practice) and the general manager developed an Organisational Learning model with the following three strands:

- Accreditation and articulation
- WBL
- Mentorship

Dr Malcolm Cathcart, Middlesex University and Renee Ngaparu, NAK Australia

Practitioners learning from their authentic practice

WBL derives from learning activities anchored in authentic practice and focused upon developing the practitioner’s ability to solve the problems of their everyday professional job roles (for more about what it means to be a practitioner learning from their authentic practice).
professional see Ions and Sutcliffe, 2015). Knowledge and skills developed whilst carrying out work-based activities are acquired in the situation and context in which they will be subsequently used, rather than in an abstract context (Collis and Margaryan, 2003, p. 726). Whilst this is not traditional classroom learning, it maximises learning wherever it occurs by combining the strengths of formal and informal learning opportunities and integrating work-based activities within formal courses. This can be seen to be a ‘best of both worlds’ scenario, which, if approached astutely by HEIs, can result in the creation of new, cutting-edge knowledge and an exceptionally appropriate and satisfying learning experience for the work-based learner, as well as the potential for learning and development for the HEI employees who get the opportunity to get closer to the workplace.

WBL cannot be ‘taught’ in a classroom sense; it arises from work practice and from actually doing rather than reading about it or only observing. Because of the nature of WBL, the tutor often acts as an architect, enabler and critical friend, rather than a subject expert. This change of role can cause difficulty for some academics, especially if they are accustomed to being the holder of knowledge that they filter out to their classes in a more traditional way. This method is not useful for work-based learners; with them the learning process becomes much more of a joint enterprise, where the tutor can potentially also learn a great deal about their student’s jobs, industries and real-life work experiences. The most important role the tutor can take is that of learning facilitator, helping and advising their students about how to learn, how to gain credits and how to progress, building their confidence and demonstrating to them – using level descriptors, for example – that they are already operating in some areas at HE levels (see Chapter 2, ‘Learning, teaching and assessment in work-based learning’). Often work-based learners do not realise or acknowledge how much they are learning at work, and WBL programmes can help them to make this implicit learning become explicit, as the following Case study 1.3 shows:

**Case study 1.3 Making employees’ WBL explicit: Articulating expertise in the construction industry**

Ben was well known within his company as the expert on design and build contracting. The company was dependent upon him to such an extent that whenever they wanted to bid for design and build work, Ben had to be central to that process and whenever they had problems with a design and build project, Ben had to be on call. To expand their work in this area his employers realised they needed to understand more about the nature of Ben’s expertise
Boud and Solomon (2001, p. 1) identify a range of distinctive features of higher-level WBL:

- WBL is a partnership between an external organisation and an educational institution specifically established to foster learning.
- Learners are employees or have some contractual relationship with the external organisation and negotiate learning plans approved by the educational institution and the organisation.
- The learning plans are derived from the needs of the workplace and of the learner, rather than being predetermined by a subject disciplinary curriculum.
The starting point and the level of the negotiated learning programme are established after a structured review and evaluation of the current learning of the individual.

A significant element of the programme is WBL projects that meet the needs of the learner and the organisation.

Assessment of the learning outcomes of the negotiated programme is carried out with reference to a transdisciplinary framework of standards and levels.

### Transdisciplinarity

The last point here mentions transdisciplinarity, a term increasingly used to describe the way in which work-based programmes at higher levels operate. Used in this context the term acknowledges that for work-based learners, research strategies and applications of theories will cross many disciplinary boundaries to create a universal, yet nuanced and hybrid approach, which is useful and appropriate for the context in which it is applied. As a term now increasingly used in academia and applied to scholarly activity, it recognises that much research focuses on problems that cut across disciplines and can refer to and utilise concepts, methods and theories originally developed by one discipline but which are now used much more widely. This has implications for the methods available to assess WBL and ensure that it is carried out within a quality-controlled framework of standards and levels.

A key feature of WBL-level descriptors is often the use of the word ‘generic’; to reflect the transdisciplinarity of the work the descriptors integrate vocational, academic and professional aspects of learning, which can be applied to all learning contexts. WBL level descriptors therefore, usually have the benefit of general applicability to any specialist area of work/practice (Costley, 2015). (See also Chapter 3, ‘Flexible frameworks and building blocks’, and Chapter 8, ‘Quality enhancement and work-based learning’.) However, the development of transdisciplinary approaches to work and learning is not merely a matter of WBL being applicable across differing work/practice contexts, but more importantly that transdisciplinary approaches support work/practice creativity and innovation.

### WBL methodologies

Along with a combination of research strategies and theory, WBL also utilises a variety of learning methodologies. Many of the learning approaches used in negotiated WBL have their origin in independent learning – a range of
learning theories and approaches to learning such as ‘experiential learning’, an interdisciplinary approach based on the premise that experiences framed by reflection will lead to learning (Schön, 1983). One of the most well-known approaches to experiential learning is that of Kolb, who suggests that educational achievement depends on an individual’s learning style as much as it depends on abilities and aptitudes (Kolb, 1984). Kolb views experiential learning as an active, self-motivated way of learning based upon a cycle that is propelled by action then reflection, and experience then abstraction. The learning theories of experiential learning build upon the research and beliefs of prominent 20th-century scholars of human learning and development, such as William James, John Dewey, Kurt Lewin, Jean Piaget, Lev Vygotsky, Carl Jung, Paulo Freire, Carl Rogers and more. Combining the work of these founding scholars, Kolb proposed six features of experiential learning and cited learning styles as the consistent way in which a learner responds to, or interacts with, stimuli in a learning environment (Kolb, 1984; Loo, 2002, p. 252). Kolb and Kolb (2008) devised an experiential learning model based on the original six propositions, suggesting that experiential learning is:

- best conceived as a process
- not defined in terms of outcomes
- about re-learning
- best facilitated by drawing out the learner’s beliefs and ideas so that they can be examined, tested, and integrated with new, more refined ideas
- driven by conflict, differences and disagreement
- a holistic process of adaptation to the world

Theories of andragogy are germane when working with work-based learners, as they highlight the importance of treating adults as capable of self-direction in the learning process, and taking seriously their life experiences, not only as a potentially rich source of learning but also as a potential source of bias and presuppositions (Knowles et al., 2005). Adult learners need to understand why they need to learn something. WBL draws upon the principles of andragogy by valuing (for example by accreditation of prior experiential learning (APEL)) the learning from the experience of the individual learner and making them key stakeholders in a negotiated programme of study which also typically needs to take into account the interests of their employer or other interested group (for example clients if the learner is self-employed). The performative nature of andragogy complements work-based learners as WBL explicitly addresses the knowledge and skill requirements of work (see also Chapters 4 and 7).

WBL is situated and constructed at work; it therefore generally has an impact that goes beyond the learner and their academic facilitator. Often
work based learners will be part of a community of practice (CoP), which is defined as ‘groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly’ (Lave and Wenger, 1991). This often means that the work based learner is part of several communities of practice – perhaps one in the workplace, which is work-based, and another based at the HEI, where studying is taking place. This second CoP may well be made up of peers undertaking the same WBL qualification, although they do not necessarily have to share the same sector or subject background. Work-based communities of practice can provide a fantastic key resource for learning, as much learning happens in social settings and/or within a social context (See Chapter 9, and Smith and Smith, 2015). In this case ‘social’ does not necessarily mean leisure activities; it literally means shared and collective behaviours and events; however, learning can and will also occur in communities of practice which emerge around hobby and leisure pursuits, as well as the more professionally focused ones.

**Mode 2 knowledge and transdisciplinarity**

Dalrymple, Kemp and Smith suggest that the more interactive and stimulating the pedagogical conditions, the more realistic, relevant and meaningful to participants the learning environment will be. Learning outcomes become beneficial rather than an afterthought, and the extent of inquiry and discussion goes beyond the level of defined academic content when work-based participants apply ideas to their own workplaces (Dalrymple, Kemp and Smith, 2014, p. 77). According to Revans, work-based learners will more readily take the risk of questioning their knowledge and practice when they have:

- freedom of informed choice
- a degree of control over the learning process
- responsibility for the learning outcomes
- the security and challenges of a group of peers (Revans, 2011)

In WBL the context and purposes of work are directly related to use of knowledge, and thus the nature of the value attached to that knowledge. This contests the supremacy of the role of the HEI in curriculum design, delivery and validation of knowledge and suggests that higher-level WBL should seek alignment with thinking and practice relating to knowledge creation and use in the workplace (Garnett, 2009; Abraham, 2012). HEI-constructed paradigms of knowledge and the systematic (research) process by which new
knowledge is created and judged are increasingly contested. Consideration of dominant research paradigms suggests that no one paradigm is adequate to frame work-based learning ‘research’. Gummesson (1991, p. 15) defines a paradigm as ‘peoples’ value judgments, norms, standards, frames of reference, perspectives, theories ... that govern their thinking and action’. The empirical positivist paradigm associated with ‘scientific inquiry’ is deeply rooted in the accepted understanding of research and holds sway over much of the general research literature and assumptions and expectations of higher-level research. In this paradigm the researcher is a detached and objective observer of the object of study; the resultant research concentrates upon description and explanation and is conducted systematically and logically via well-defined studies, which are governed by explicitly stated theories and hypotheses (see Chapter 6 for more about the modes of practitioner research that work-based learners and their organisations find useful).

**Socially constructed knowledge**

In contrast to the positivist paradigm, WBL is, by design and necessity, concerned with knowledge which is often unsystematic, socially constructed and action focused by the worker researcher in order to achieve specific outcomes of significance to others (Garnett et al., 2009). These characteristics appear to fit more comfortably within an interpretive paradigm in which the researcher is an actor involved in the partial creation (through assigning meaning and significance) of what is studied. Research concentrates on understanding and interpretation and is conducted recognising that the researcher will be influenced by pre-understanding (Gummesson, 1991). In the context of work the value of knowledge is performative; it thus follows that sufficiency and timeliness of information to inform or bring about action are key considerations for WBL. The following Case study 1.4 illustrates the kind of research a work-based learner might want to propose:

---

**Case study 1.4 Linking the workplace and academia through WBL research: A proposal for a practitioner research project**

**Project aim**

The aim of my research is to investigate the ongoing factors that affect the implementation of health and safety legislation within a complex market environment in light of the recent legislative changes.
Case study 1.4 Linking the workplace and academia through WBL research: A proposal for a practitioner research project continued

Issues of practitioner research and making the most of being an insider

I believe that my experience in managing large staff teams, and particularly managing people within the Silchester Market environment, will help me in enlisting the cooperation of the research subjects, especially the Market Tenants’ Association, who do not trust ‘outsiders’ easily. For this reason, I believe my inside knowledge as a participant researcher will act as a clear advantage whilst carrying out this research, although I also acknowledge the disadvantages of participant observation, which I will look at in more detail later within this proposal. Equally, my knowledge of strategic and financial planning and managing operations will assist me in understanding and interpreting the qualitative data collected using a very simple pattern matching technique.

Research methodology

After discussing the practicalities of carrying out case study research with my line manager, including my positionality as a worker/researcher (which would allow me to make observations at liaison meetings, engage in email interaction and facilitate relatively easy access to both staff and tenants to collect the necessary data), I resolved that a single case study approach would be the best method to answer my research questions. I will gather data using the following techniques:

**Direct observation**: I intend to carry this out by impromptu site inspections and by attending market committee and liaison meetings.

**Focus groups**: I intend to hold two focus groups with frontline staff to obtain their views on the research questions.

**Interviews**: I will be arranging six semi-structured interviews with senior staff and a further six semi-structured interviews with prominent market members to obtain their views on both subject areas. I am aware that these two groups may have very different views, which will need to be analysed and recorded.

**Analysis of work documents**: I intend to review documentation such as Markets Committee reports, annual performance plans for the Markets Department and Food Standard Agency legislative guidelines.

Outcome

A report on the implementation of health and safety legislation in the market, which includes recommendations to improve future practice.

The work-based learner in Case study 1.4 has clearly focused on solving a defined problem. Nowotny et al. (2001) argue that since the latter half of the 20th century new forms of knowledge production have emerged which are context driven and focused upon real-life problem
solving. Such knowledge is labelled ‘Mode 2’ as in contrast to ‘Mode 1’; it does not fit neatly in traditional subject disciplines. Mode 2 knowledge recognises a diversity of knowledge production sites (such as the workplace) and is argued to be transdisciplinary in nature (Gibbs, 2015) as it is rooted in the messy problems of real life and is thus primarily emergent, complex and embodied, involving a reflexive approach to ‘actors’ and ‘subjects’ where the status and value of knowledge are negotiated with ‘producers’, ‘collaborators’, ‘disseminators’, ‘users’ and so on (Nowotny et al., 2003). Nicolescu goes further to suggest that the development of transdisciplinary approaches to work and learning is also a key aspect of leadership. ‘It is recommended to universities to make an appeal in the framework of a transdisciplinary approach … with the goal of developing creativity and the meaning of responsibility in leaders of the future’ (Nicolescu, 2008, p. 9). Transdisciplinarity, as suggested above, offers us new and multifaceted ways to understand the intricate modern world, which are particularly valuable for constructions of WBL as a field of study as well as a mode of study (Garnett et al., 2009). This means that rather than taking as a starting point for practitioner inquiry the knowledge contained in the literature of a traditional academic subject, it is the real-life needs of work and the student as practitioner which drive the aim and the conduct of the WBL and possibly an entire WBL programme.

WBL provides an approach to individual development which:

1. is learner-centred; it takes the work context and work priorities of the individual as its starting point and allows the negotiation of a customised programme
2. provides recognition and accreditation of existing knowledge and skills
3. is located in the workplace and, therefore, does not require large blocks of time away from work
4. is focused on learning through work, which is relevant to both the individual and the organisation
5. provides a coherent framework for individuals to review and establish the lasting value of learning from short courses and experience
6. encourages and enables individuals to take responsibility for their own continuing development
7. enables the individual to be a creator of work-based knowledge of relevance and potential value to others

The following Case study 1.5 exemplifies (and is cross-referenced to) the above seven points:
Case study 1.5 Work-based learner profile (B): Acknowledging experiential learning

Karen is a personal assistant to a member of the executive team of a large HEI. She has over 30 years of work experience and has participated in many in-house development courses (5) but has no qualifications beyond a secondary school leaving certificate.

Within the HEI Karen was well known as a highly effective and extremely knowledgeable professional, but she lacked confidence in her ability to undertake an HE programme and described herself as ‘only a secretary’.

With support and encouragement from her line manager, and from a work-based learning academic as a facilitator, she successfully completed an APEL portfolio (2) that demonstrated that she not only had knowledge and skills at undergraduate level but also had expertise which most closely mapped across to the learning outcomes of postgraduate modules in a master’s in HE management (5).

This formal recognition of learning had a transformative effect upon Karen’s confidence (6); she went on to complete an individually negotiated (1) work-based master’s programme in HE administration.

The programme included major projects that impacted positively upon the HEI she worked for (3) by enhancing the administrative information contained within templates for memoranda of cooperation between the HEI and external partners. Karen was able to draw upon her years of experience and insight to work with colleagues from across all the central services as well as the academic departments of the HEI together with a sample of key partners to identify information gaps in the standard template.

Revised documentation informed by the evidence from this research was produced and piloted. The outcome was increased efficiency for the HEI through greater collaboration with external partners who felt consulted and subsequently more involved (4 and 7).

As the above Case study 1.5 encapsulates, WBL is an approach that has the potential to combine individual and organisational development. It does this by:

i. providing a framework for the individual and the organisation to agree on WBL activities which contribute to the goals of the organisation and the aspirations of the individual
ii. recognising and developing the workplace as a source of learning, for example, through the recognition of formal training courses and learning gained from experience, which in turn is gained through work
iii. developing the individual as an effective work-based learner able to undertake research and development activity of direct relevance to work
iv. developing in the individual key abilities such as action planning, analysis, synthesis, evaluation, communication and reflection on practice

v. providing a structured approach to ‘real’ work-based projects, which enhances their potential to contribute to the development of the organisation at levels from local operational to strategic

vi. providing a means of facilitating and measuring the transfer of learning from formal training courses to application in the workplace

vii. aligning learning and development activity with the goals of the organisation through programmes of personal development, which are work-based and required to demonstrate added value to the organisation

viii. focusing on the importance of knowledge as a key resource of the organisation

HEI and employer partnerships

WBL has proved to be an effective means of applying higher-level expertise to meet the business objectives of employers (Boud and Solomon, 2001). Such programmes require the development of a genuine partnership between the HEI and employer based upon an understanding of the business imperatives and the related knowledge and skill needs of the employer. The HEI must be genuinely willing and able to work in partnership with the employer as a provider as well as a consumer of high-level learning. For HEIs this might involve no longer seeing themselves as the monopoly provider of courses and other educational initiatives to augment the learning of employees, and instead recognising that the employer may also have high-level learning formalised in their own training programmes and organisational competency frameworks.

The following case studies (1.6 and 1.7) illustrate further how individual and organisational development can come together. Case study 1.6 refers to the bullets i–viii above:

**Case study 1.6 Work-based learner profile (C): Embedding organisational change in the UK financial services sector**

Part of the response of a national UK bank to extreme turbulence in the UK financial services sector was to introduce a major change initiative to increase the effectiveness of bank branch management teams.

The focus of the nationwide initiative was to improve local-level business planning and customer service. The bank worked with private sales training experts to design a national in-company training programme that was developed in partnership with an HEI (vii and viii).

*continued overleaf*
Case study 1.6: Work-based learner profile (C): Embedding organisational change in the UK financial services sector continued

The HEI contribution was to design and support work-based projects to be undertaken by course participants, which reinforced the transfer of the sales and planning training to the real-life work situation of producing the business plan for individual bank branches. By making the real-life business plan the focus of work-based projects, the WBL programme brought to bear high-level skills of analysis, synthesis and evaluation upon real-life issues critical to the success of the business (i, ii, iv and v).

A major evaluation of the programme was carried out by the bank which showed that those branches whose senior teams had been through the programme were achieving higher performance, using the bank’s standard financial and customer service indicators, than the branches that had not participated in the programme (vi and vii). The impact upon individual members of staff was also significant as they greatly valued the opportunity to achieve an HE qualification and appreciated the relevance and value of what they were doing for their work (iii and vii).

Many commented that the WBL programme gave them a chance to gain an HE qualification that they would otherwise not have had. Senior managers also recognised and commented very favourably upon changes in their staff and how the use of ‘reflection’ had suddenly become a key tool for managers in their work (iii and viii).

Such were the business and personal benefits of the programme that the bank has sponsored over 600 participants.

Case study 1.7 Work-based learner profile (D): Organisational development – a company cohort undertaking a WBL programme

A WBL partnership between an Australian university and a leading retail bank was established in order to support and incentivise the professional development of a group of high-performing managers. The WBL programme enabled individual participants to claim academic credit for the learning that they had acquired through the successful completion of an intensive ‘in-house’ leadership development programme. Following a detailed programme review by the university, individuals completing the in-house programme were able to claim academic credit equivalent to a graduate certificate if they self-selected into a WBL qualification programme at a higher award level.

The bank recognised the importance of providing ongoing professional development opportunities as a means of retaining its high-performing staff and recognised that offering a development programme linked to the award of a university qualification would provide a powerful incentive. However, they were also aware that the significant financial commitment of supporting learners though an HE programme would be under regular scrutiny. If the value of the investment was not evident, the sustainability of the programme could be jeopardised. The
How does work-based learning fit into higher education?

A number of UK HEIs have experience of providing WBL programmes outside of the UK, often with individual distance learning students or with collaborative partners or through their own international centres. A small number of international HE providers (notably in Australia and New Zealand) have adopted and adapted a WBL approach, and the underpinning educational philosophy of WBL has contributed significantly to more sector-wide developments relating to work-integrated learning and graduate employability (Hunt and Chalmers, 2012).

The following Case study 1.8 from Australia illustrates that the learning issues discussed here are global ones:

**Case study 1.7 Work-based learner profile (D): Organisational Development – a company cohort undertaking a WBL programme continued**

view of a number of the bank’s senior executives was that sponsoring university qualifications delivered little in terms of measurable performance improvement for the organisation.

The WBL approach provided an ideal opportunity for the bank to leverage its investment in their in-house programme and support the individual’s ongoing development as well as enhance the organisation’s business performance.

Upon commencement of the WBL programme, the employer and programme participants held detailed discussions to review business plans, and individuals’ workplace performance requirements and professional development aspirations. Based upon these discussions, they identified either individual or team-based research and development projects, which were tied directly to the organisation’s business plans. The supervision of an academic adviser would bring rigour to the way that the employees conducted their work-based research and ensured that this was appropriate to the chosen level of qualification.

For the bank, a mandatory requirement of these project proposals was that the work-based learners were able to forecast a return on investment from their work as well as meet the programme’s academic requirements. The return on investment could take a variety of forms including increased revenues, improved productivity or cost efficiencies, but the anticipated value must equate to at least three times the cost of the employer’s sponsorship of the qualification.

This approach was seen as a means of ‘future-proofing’ the university partnership and ensuring that the programme delivered measurable benefits to both the employer and learner.

Nicholas Shipley, Monash University, Australia

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**WBL round the world**

A number of UK HEIs have experience of providing WBL programmes outside of the UK, often with individual distance learning students or with collaborative partners or through their own international centres. A small number of international HE providers (notably in Australia and New Zealand) have adopted and adapted a WBL approach, and the underpinning educational philosophy of WBL has contributed significantly to more sector-wide developments relating to work-integrated learning and graduate employability (Hunt and Chalmers, 2012).

The following Case study 1.8 from Australia illustrates that the learning issues discussed here are global ones:
Case study 1.8 WBL alters the dynamics between ‘tutor’ and ‘learner’: Experience from Australia

Whilst educational concepts such as andragogy, Mode 2 knowledge and transdisciplinarity are increasingly features of individual units within HE qualifications in Australia, they are far less well known or understood as a valid basis for the attainment of an entire HE qualification.

These concepts present challenges to educators because they shift the emphasis of their traditional role from that of ‘discipline expert’ to a ‘facilitator of learning’, challenging the established perceptions and values of employers and students who are trying to reconcile the relative merit and worth of WBL when compared to traditional academic learning.

Research conducted in Australia to gauge the propensity of employers and learners to engage with models of higher-level WBL produced some unexpected findings:

- Employers appreciated the attractiveness of WBL models in terms of academic study aligning to workplace issues, and the enhancement of staff performance in the workplace.
- Fewer employers understood the relative value and portability of qualifications earned in a specific employment context.
- Employers generally did not understand the idea of awarding qualifications on the basis of learning acquired from an individual’s professional experience.
- There was a general lack of awareness about higher-level work-based qualifications as a distinctive category of HE – with typical responses being, ‘What is being recognised?’ and ‘Is this a real academic qualification?’

Just as HE educators are challenged by shifting their ‘expert’ role in the learning partnership, learners can also find it challenging to understand and accept their position as an ‘expert practitioner’ in the context of their work and as a generator of work-based knowledge.

For tutors, employers and students alike, the disruption to roles, relationships and accepted notions of HE learning requires an explicit repositioning of the work-based learning ‘brand’ as an HE offering. The process of education with WBL often extends beyond the learning programme itself to include a raising of awareness and acceptance of its fit with academic learning amongst a broad range of stakeholders at all stages of the engagement the process.

Nicholas Shipley, Monash University, Australia

Where does WBL sit in HE?

WBL is flexible and innovative; it brings a different kind of student to HE. Barnett (2014) offers four critical components of a flexible pedagogy, and WBL pedagogies include these:

- Immersion (in a professional field)
- Reflection (analysing what is already learnt)
How does work-based learning fit into higher education?

- Criticality (serious evaluation of learning experience)
- Interaction (listen, engage, collaborate)

Discussions around flexible learning often focus on the logistical processes rather than the philosophical debate as to ‘why’ we are doing this. Initiatives like WBL must be about more than a commercial response to students’ busier lives (they cannot attend during the day and so on). It is about the evolution of learning and the realisation that knowledge can come from anywhere; it is not just housed in the HEI. What work-based learners know already, and bring with them to the HEI, has the potential for great collaboration, reciprocal learning and authentic knowledge exchange. HE is about making connections and progressing, and WBL certainly offers plenty of opportunity to do both.

**SUMMARY**

- Much learning occurs away from classrooms and other formal settings; WBL happens at work.
- WBL occurs at many levels; we are looking at HE level (4–8).
- Through WBL, learning from experience is identified and often awarded credit; no credit can be awarded for simply having an experience.
- Both individuals and organisations benefit from WBL.
- HEIs can offer structured frameworks to assist WBL students in creating their own HE awards.
- WBL draws on existing learning theory and is aided by social networks like communities of practice, which may also be virtual.
- WBL is happening around the world.

**References**


**Recommended further reading**


Index

A
Academic
  Approval process 54, 55, 60
  Award titles 54–55, 78
Conventions 138
Credit (see ‘Credit’) 5, 16–27, 56–57, 60, 66, 70, 106, 110, 139, 215
Infrastructure 41, 52, 70
Literature 117
Standards 65, 95–96, 142
 Accreditation
  Academic 52, 68
  Company training (of) 52, 55, 60, 90
  Prior learning (of) 54–55, 94, 106
 Accreditation of prior learning (APL) (see also ‘RPL’)
  Areas of learning 99–101, 209
  Common misperceptions 98, 100
  Electronic claims 105
 Evidence 104, 106, 108–110
  Portfolio development 105
Action learning 76–77, 125, 200–201, 213–214
Action research 120–121, 125, 157, 160, 164, 200
Adaptivity 229
Andragogy 20, 29, 76, 136
Apprenticeship 67
  Degree level 198–199
  Higher level 67–68, 198–199
Argyris, C (theory created in action) 1
ARNIL - Assessment and Recognition of Non-formal and Informal Learning 104, 105
Assessment
  Action plans 45
  Authentic 39, 44, 48
  Business plan 45, 81
Criteria 45–47
Critical commentary 46
Group projects 46
Learning contracts 38, 46, 55, 80
Online 46
Peer 47
Portfolios 46, 80
Presentations 46, 48, 49, 62
Products (producing) 42
Auckland University of Technology (AUT) 195
Autonomy, developing 5, 36, 42–43, 65, 77, 128–129, 137, 139, 182
B
Bedfordshire, University of 166, 167
Biggs, J (constructivism) 45, 136
Bologna Process, the 104, 110
Boud, D and Solomon, N (Work-based learning) 18, 26, 76, 90, 144
Bournemouth University 188
C
Career
  Aspirations 81, 138
  Planning 179, 218
CEDEFOP 203
Certificated learning 59–60
Chester, University of 78, 140
Cloud services 178
CMS – Content Management System 176
Coaching 42, 128–130, 161–162, 166, 214
Questions 126
Communities of practice (CoP) 10, 21, 30, 53, 147, 177, 213
Virtual 7, 182

266
Copyrighted material – 9781137403247
| Competence | 39, 46–48, 68, 104, 147, 166, 259 |
| Constructive dialogue | 42 |
| Constructivism | 76 |
| Constructivist theory | 95 |
| Continuing Professional Development (CPD) | 36, 207, 211, 224 |
| Cooperative learning | 9, 157, 168 |
| Cranfield University | 101 |
| Credit | |
| Accumulation and Transfer Scheme (CATS) | 60, 68, 110 |
| Claiming | 6, 18 |
| Distribution in HE qualifications | 58 |
| General | 98–99, 110 |
| Volume of | 99, 111 |
| Writing a claim for | 107 |
| Criterion referencing | 45 |
| Cultural perspectives | 233, 239–240 |
| Curriculum | |
| Enacted | 253, 281 |
| Intended | 253 |
| Model | 52, 194 |
| CV and job description | 38, 99, 140, 210 |
| D | |
| Deming cycle | 157–158 |
| Derby, University of | 106, 145–146, 159 |
| Dewey, J (Education and experience) | 20, 137, 191, 219 |
| Digital | |
| Identity | 184 |
| Natives | 8, 188 |
| Drexel University, USA | 166, 169 |
| Dropbox | 173, 178–180 |
| Durham University | 40–41 |
| eDelphi process | 121–122 |
| E | |
| Employability skills | 40, 207, 210 |
| Employed learners | 4, 106, 179 |
| Employed students | 193, 224, 247 |
| Employers | |
| Collaboration with | 69 |
| Employment | |
| Self | 210, 219 |
| Enactus | 222–223 |
| Enhancing work practice | 58 |
| Enterprise | 17, 165, 214, 220–224, 230 |
| Entrepreneurial | |
| Mindset | 8 |
| Skills | 218 |
| Epistemologies, personal | 259 |
| Ethics | 55, 87, 89, 128, 264–265 |
| Evernote | 173, 178 |
| Experiential education | 169, 192 |
| Explicit (making implicit learning explicit) | 211 |
| Extra-curricular activity | 221–222 |
| F | |
| Facebook | 173, 176, 178–182, 184 |
| Feedback | |
| Colleagues, from | 48 |
| Constructive | 43, 243 |
| Employer | 168 |
| Formative | 89, 148, 149, 183, 230, 241 |
| Guidance | 195 |
| Learner | 174 |
| Mechanisms | 163 |
| Module | 162 |
| Oral | 175 |
| Reflective writing | 196 |
| RPL, on | 99, 101, 102, 106 |
| Sandwich | 243 |
| Soliciting | 168 |
| Student | 161, 162 |
| Tutor | 230–231 |
| Work performance, on | 48, 49 |
| Workplace, for | 47 |
| Feed forward | 102 |
| FHEQ | 74, 77, 78, 84, 85, 86, 99, 127 |
Fieldwork 197
Flexible pedagogies 33
Frameworks
  Architecture 58
  Building blocks 4, 19, 52, 57–58
  Design philosophy 52–53, 57–58
  Key components 33, 58
  Learning strategies 58
Freire, P (critical pedagogies) 20

G
Google 123, 173, 175–176, 178, 182, 186, 187
  Docs 175, 180
  Hangouts 175
  Scholar 175
  Sheets 175
  Slides 175
Graduate
  Employability 15, 28, 203
  Labour market 219
  Traditional 207

H
Hackpad 188
Hashtag 174, 179
HEIs
  Definition 2
  Partnerships with employers 46, 89
Heutagogy 76
Higher Education
  Credit system 98, 108
  Entry requirements 57
  Validation 60
Honey, P and Mumford, A (Learning styles) 35, 103, 241
Human cognition 248, 252

I
Imitation 247–248, 252
Induction (student) 138–139, 145, 149, 193, 216
Institute of Education, University of London 167
Integrating/integration 233–236, 240–244
Interdependent learners 248, 256, 258
Internet 176, 180, 231
Internships 136, 191, 193, 196, 197, 217, 224
Interpretive paradigm 22
Interview techniques 210
Intra-mental capacities 253

J
James, W (Theories of self) 20
Jung, C (individual types/categories such as Myers Briggs) 20

K
Knowledge
  Exchange 3, 30
  Mode 1 & 2 23, 117
  Practical application of 33, 146
  Socially constructed 22
  Tacit 96, 103, 216
Kolb, D (Experiential learning cycle) 20, 53, 77, 95, 137, 192, 241

L
Lave, J and Wenger, E (communities of practice) 21, 40, 76, 95, 97, 114, 191
Learning
  Agreement 38, 55, 58, 73, 80–86, 88, 89–90, 102, 139
  Assets 9, 116–117, 227–228, 239, 244
  By doing 3, 9, 173, 180, 191, 209
  Collaborative 179, 221
  Contract 4, 46, 76, 80, 194
  Deep 4, 45, 69, 82, 199
  Expansive 182
  Experiential 5–6, 8, 13–14, 20, 25, 33–34, 95–97, 99–100, 102–103, 106, 135–137, 140, 166, 192, 209, 220–221, 224, 244
  Facilitating 73, 136, 231–232
  Facilitator 17, 43
  Instantaneous 2
<table>
<thead>
<tr>
<th>Index</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journey</td>
<td>34, 43, 74, 86, 177, 232</td>
</tr>
<tr>
<td>Lifelong</td>
<td>8, 53, 95, 104, 182, 208, 224, 251</td>
</tr>
<tr>
<td>Negotiation of</td>
<td>83, 88, 140</td>
</tr>
<tr>
<td>Orientation</td>
<td>234</td>
</tr>
<tr>
<td>Outcomes</td>
<td>4, 14, 19, 21, 25, 34, 40, 55, 60, 66, 74–75, 78, 80, 83–85, 88, 96, 99–100, 103, 106–107, 109, 111, 142, 161, 194, 197, 213, 243, 248–250, 254, 256, 259</td>
</tr>
<tr>
<td>Pathway</td>
<td>53, 57–58, 78, 98, 140</td>
</tr>
<tr>
<td>Practical</td>
<td>193</td>
</tr>
<tr>
<td>Reciprocal</td>
<td>30, 37, 56</td>
</tr>
<tr>
<td>Self-directed</td>
<td>44</td>
</tr>
<tr>
<td>Situated</td>
<td>40, 44, 76, 97, 103, 202</td>
</tr>
<tr>
<td>Strategies</td>
<td>33, 38, 58, 189</td>
</tr>
<tr>
<td>Styles</td>
<td>16, 20, 35, 37, 43, 103, 140, 240–241</td>
</tr>
<tr>
<td>Teaching, and assessment</td>
<td>3, 17, 33, 52, 57–58, 69</td>
</tr>
<tr>
<td>Theories of</td>
<td>5, 94</td>
</tr>
<tr>
<td>Through work</td>
<td>9, 16, 24, 193, 220, 247, 249</td>
</tr>
<tr>
<td>To learn</td>
<td>6, 8, 15, 36, 43, 54, 56, 76, 207</td>
</tr>
<tr>
<td>Transformational</td>
<td>150</td>
</tr>
<tr>
<td>Levels</td>
<td>1, 13–14, 16–17, 19, 26, 30, 55, 57, 62, 65, 96, 106–107, 120, 125, 139, 141, 158, 186, 199, 203, 229, 234</td>
</tr>
<tr>
<td>Level descriptors</td>
<td>4, 17, 19, 52, 55, 57–58, 64–65, 86, 98–99, 107, 111</td>
</tr>
<tr>
<td>Levi Strauss, C (structural anthropology)</td>
<td>115</td>
</tr>
<tr>
<td>Lewin, K (Organisational development)</td>
<td>20, 77</td>
</tr>
<tr>
<td>Licensing requirements, occupational</td>
<td>254</td>
</tr>
<tr>
<td>Lifelong learning</td>
<td>53, 95, 104, 182, 208, 224, 251</td>
</tr>
<tr>
<td>LinkedIn</td>
<td>173, 179</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Macquarie University</td>
<td>197</td>
</tr>
<tr>
<td>Maintaining momentum</td>
<td>148–149</td>
</tr>
<tr>
<td>Mashable</td>
<td>183, 187</td>
</tr>
<tr>
<td>Mentoring</td>
<td>144–146, 162, 213</td>
</tr>
<tr>
<td>Mentors</td>
<td>77–78, 83, 146, 155, 180, 220, 213, 224</td>
</tr>
<tr>
<td>Metacognition</td>
<td>8, 208, 216</td>
</tr>
<tr>
<td>Middlesex University</td>
<td>15, 16, 67, 139, 177</td>
</tr>
<tr>
<td>Mimesis</td>
<td>248, 252</td>
</tr>
<tr>
<td>Mimetic learning</td>
<td>9, 247–249, 252–254, 256, 259, 261</td>
</tr>
<tr>
<td>Mobile phones</td>
<td>180, 212</td>
</tr>
<tr>
<td>Apps</td>
<td>180</td>
</tr>
<tr>
<td>Mode 1 and 2 Knowledge</td>
<td>23, 117</td>
</tr>
<tr>
<td>Modularisation</td>
<td>104</td>
</tr>
<tr>
<td>Modules</td>
<td>6, 16, 18, 25, 53, 55, 57–58, 60–63, 66, 67, 69, 77–78, 80, 86</td>
</tr>
<tr>
<td>Shell (empty)</td>
<td>55, 60, 80</td>
</tr>
<tr>
<td>Subject based</td>
<td>55</td>
</tr>
<tr>
<td>Monash University</td>
<td>28–29</td>
</tr>
<tr>
<td>Motivation</td>
<td>34, 53, 81–82, 147–148, 221, 229–230, 236–237, 252</td>
</tr>
<tr>
<td>Mykolo Romerio University</td>
<td>105</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>National College for Teaching and Learning (NCTL)</td>
<td>167</td>
</tr>
<tr>
<td>‘Need to know, can do and value’</td>
<td>251</td>
</tr>
<tr>
<td>Networking</td>
<td>39, 46, 53, 54, 56, 172, 174, 177, 179, 181–182, 260</td>
</tr>
<tr>
<td>Networks</td>
<td>7, 30, 39, 56, 58, 70, 188, 213, 241</td>
</tr>
<tr>
<td>NUCCAT (Northern Universities Consortium for Credit Accumulation)</td>
<td>110</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observation (of practice)</td>
<td>23, 40, 88, 121, 162, 194, 197, 247, 248, 252, 254, 256</td>
</tr>
<tr>
<td>Occam’s Razor</td>
<td>115, 125</td>
</tr>
<tr>
<td>Occupational practice</td>
<td>254</td>
</tr>
<tr>
<td>OFQUAL</td>
<td>65</td>
</tr>
</tbody>
</table>
Online learning 147, 149
Ontological turn, the 90, 95
Organisational
  Culture 159, 234, 236–237
  Development 13, 25–28, 62, 159, 213
Outcomes, generic (academic programme) 139

P
Parsimony 115, 125
Participative decision making 234
PDCA cycle (Plan, Do, Check, Advise) 158, 160
Pedagogic
  Metaphors 96
  Practices 5, 9, 94, 247, 253, 255, 257–259, 261
  Scaffolding 6, 18
  Understanding 74
Pedagogy
  Asset based 231
  Flexible 33
Peer support 69, 147, 213, 258, 260
Personal and professional development 1, 4, 14, 48–49, 53, 58, 98, 140
PEST analysis 39
Piaget, J (constructivist theory of knowing) 20
Pinterest 188
Plug-ins 176, 185–186
Portfolio careers 219
Positivist paradigm 22
PowerPoint presentations 45, 173, 175
Practice
  Based experience 255–258
  Hours 193
Practicums 193, 197, 256, 259
Practitioner enquiry 6, 18
Practitioner researchers 6, 114, 119, 128
Professional/s
  Bodies 66, 199
  Skills 84–85, 210
Programmes, educational 16, 249, 251, 258
Projects
  Collaborative 181
  Work-based 26–27, 39, 47, 52, 61, 75, 139, 145, 199–200, 235, 237
Proximal guidance 257

Q
Quality Assurance agency (QAA) 52, 55, 57–58, 64–66, 75, 79, 98, 100, 102, 154, 157
Quality enhancement
  Approaches to 153
  Initiatives 154, 159
  Students as partners 161–163
Qualifications and Credit Framework (QCF) 13, 65, 67–68
Qualifications, HE
  Bachelor’s degrees 59
  BProf (proposed) 73, 89
  Small awards 54
  ‘Top up’ programmes 59–60
Quality policies and procedures 4, 52

R
Raelin, J (leaderful practice) 42, 191
Reciprocating 233, 242–3
Recognition of Prior Learning (RPL) 5–6, 14–15, 39, 47, 54–57, 59, 60, 62–63, 94–99, 102, 111, 123, 153, 192, 215
Areas of learning 99–100
Portfolio 102
Reflection
  Action, in 213
  Action learning, through 200, 213
  Action, on 20
Analytical 8, 18, 29, 101, 102, 207, 215, 237
Critical 43, 46, 69, 201, 229, 236, 259
Index

Effective 6
Experience, on 194
Facilitated 64, 102, 106, 165, 196
Guided 14
Inwards 137
Key tool, as 27, 68
Outwards 137
Peer 177
Practice, on 26, 58, 70
Purposeful 36
Self, on 55, 214
Skills of 103, 140, 215, 216
Theories of 77, 95
Written 169

Reflective
Account 48–49
Analysis 6, 111, 169, 188, 211
Approach 241
Commentaries 142
Diary 143, 214
Essay 47, 149, 215
Learning 36–37, 55, 74
Methods 115
Models 54, 157
Practice 53, 77, 95, 102–103, 110, 137, 163–164, 191, 196, 215, 224, 228
Practitioner 110, 140, 193, 215
Process 192
Skills 36–37, 106, 195, 213, 215
Writing 169, 196

Relationship building, HEI and organisation 107

Research
Accommodation (as method) 125
Approach 116
Approximation 99, 121, 125, 131
Axiological stance 125
Before-during-after focus 118–119
Boundary crossing 116
Bricoleur 115–116
Business 115
Consensus 121
Data analysis 127
Data collection 129
Epistemologies 119
Ethical approval 126, 128
Exploration 124, 125
Flexibility 116
Focus 117–118
Focused questions 118
Heuristics 116–120
Insider 6, 23, 117, 126
Killer statistics 117–118
Literature search/review 54, 84, 127–128, 200–201
Methods 19, 64, 115, 119, 126–127, 129, 164
Mixed approach 123–124, 164
Ontologies 119
Patchwork approach 116
Practitioner 22–23, 29, 41, 64, 67, 114–134
Pragmatic axiology 116–117, 131
Purpose 115, 117–118, 126–127, 129
Questions 41, 118–120, 123, 127–129
Realist approach 119–124, 131
Reality (as objective/subjective) 119–120, 125, 131
Relativist approach 120–124, 132
Representation 124–125
Review of professional context 127–128
Sampling 124–125, 131–132
Sandpits 116
Satisficing 115, 125
Skeletons 116
Social methods 115
Statistical methods 115
Terms and concepts 131
Qualitative 23, 45, 115, 120
Quantitative 115, 127
Working model 116, 126, 131
Revans, R (action learning) 21, 213
Rogers, C (person-centred approach) 20
Index

S
Sandwich courses 193, 196–197, 243
Schon, D (the reflective practitioner) 20, 77, 86, 95, 102, 137, 213, 217
SEEC 55, 57–58, 64–65, 110
Search engine optimization (SEO) 187
Self
  Analysis 8, 216
  Audit 6, 8, 39, 78, 95, 211
  Identity 114
  Realisation 97
  Understanding 97
Service learning 84, 193, 197–198
Sheffield, University of 210
Short courses 24, 52
Skills
  Agenda 15
  Generic 150, 209–210, 220
  Job-seeking 210
  Transferable 1, 8, 199, 209–210, 224
Skype 149, 177, 231
SMEs 15, 210
Social
  Capital 222
  Constructivism 76
  Context (of learning) 21, 97, 102, 250
  Enterprise 220–223
  Learning 39–40, 202
  Networking 172, 179, 181
  Responsibility (corporate) 197, 222
  Spheres 114
Social media
  Blogging 174, 176, 180, 183, 186
  Employer constraints around 185
  Identity management 172, 184
  Institutional policies 184
  Learning tools 7, 172–173
  Platforms 7, 172, 185–188
  Software 172, 185
  Technologies 7, 172–173, 177, 180–181
  Using images and video 185
  Websites 172, 186
  Writing for 187
Stakeholders 7, 20, 29, 39, 46, 54, 74, 81, 86, 102, 154–156, 167–169, 203, 264–265
STEPELO analysis 37–38
Storify 188
Story telling, professional 141, 164–165
Student
  Assessment literacy 98
  Employees 157
  Learning experience 154
  Part-time 44, 106
  Traditional 3, 7, 102, 146, 181, 200, 207, 211, 220, 222, 224, 264
Sunderland, University of 163–165
Support, for students
  Buddy groups/systems 144, 147
  Line managers 144
  Mechanisms 7, 135–136, 143–144, 149
  Workplace 143
SWOT analysis 39
T
Teesside University 15, 40–41, 62, 103, 108, 180, 215
Terminologies 191
Theory
  Generation 117–118, 131
  Into practice 191
  Practice gap 217
Training Needs Analysis (TNA) 95
Transdisciplinarity 19, 21, 24, 29, 137, 142
Tripartite
  Approach 43
  Nature of Work-based learning 17, 154
  Negotiation 81
Tumblr 188
Tuning project 153
Tutor
  As facilitator 9, 17, 21, 25, 33, 42–43, 49, 87, 103, 110
  As sounding board 137
  Effective 150

Copyrighted material – 9781137403247
Twitter 147, 173–176, 178–179, 181–182, 184, 188

U
UK Credit Forum, the 110
UNESCO 104
URLs 178

V
VARK 35
Virtual Learning Environment (VLE) 106, 174, 179, 182–183
Vygotsky, L (Activity theory) 20, 116
Voluntary work 14, 101

W
Web 2.0 172, 177
West of England, University of the 62
Wikis 46, 188
WordPress 173, 176, 186–188
Work-based
Curriculum 52–54, 57–58, 64–65, 75, 102, 136, 168–169, 257
Learners 2–9, 14–15, 17–22
Learning (see work-based learning)
Projects 26–27, 39, 47, 52, 61, 75, 139, 145, 199–200, 235, 237
Studies 39, 53, 61–66, 78, 97–98, 102, 192
Terminology 191–206
Work-based learning
Culturally diverse 227–246
Curriculum framework 52
Curriculum philosophy 52
Definition 1–2, 191–193
Discipline (as a) 115
Global 29, 191–206, 227–246
Key defining features 1–2, 24–25
Methodologies 19, 126
Negotiated 15, 19–20, 24, 53, 60, 62–64, 73–93, 97–98, 140, 194
Resource implications 80, 130, 155–156
Students 8–9, 102, 135–152, 157–159, 161–170, 177, 247
Terminology 191–206
Transcultural 227–246
Tripartite nature of 43, 81–82, 154, 157
Work integrated learning (WiL) 9, 28, 193, 185, 200–201, 260
Workplace
Context 88, 150, 157, 177
Mentors 42, 49, 69, 146, 155
Performance appraisals 100
Training, accreditation of 107, 111
World of work 49, 210, 232

Y
Yorke, M and Knight, P (employability skills) 210
YouTube 173, 176, 181