Index

A
abstract conceptualisation (AC) 48
adaptation 292
alternate solutions 109
anchored instruction 16
assessing process skills 178
assessing subject knowledge 174
assessment 65, 171, 180
assessment-related activities 206
asynchronous 195
attitudes to learning 245
authentic problems 69
authenticity 108, 175
B
behavioural learning 4
blended learning 199, 205
Bloom’s Taxonomy 229
bulletin boards 199
C
case method 38
case-based lecture 37
CDT (see component display theory)
CE (see concrete experience)
CFT (see cognitive flexibility theory)
change 89, 290
classroom facilities 215
cognitive apprenticeship 15
cognitive engagement 8
cognitive flexibility theory (CFT) 19
cognitive learning 5
collaborative learning 45, 193
commitment 65, 66, 90
communication 72, 195, 236
competence 53, 172
complex learning environment 13
component display theory (CDT) 229
computer-supported collaborative learning (CSCL) 193, 199
concrete experience (CE) 48
conference 199
conflict resolution 97
conflict situation 73
consensual decision making skills 96
construction of meaning 202
constructivist learning 1, 10, 29
context-independent 2
creativity 176
critical thinking 26, 45, 54, 69, 73
criticism 291

Copyright © 2006, Idea Group Inc. Copying or distributing in print or electronic forms without written permission of Idea Group Inc. is prohibited.
cross-disciplinary integration  26
CSCL (see computer-supported collaborative learning)
curriculum  212

D
dedicated tutor model  214
decision making  96
deep learning  47
discussion skills  96
distributed (virtual) PBL  195
domain analysis  224

E
electronic tutor marked assignment (ETMA)  207
evaluate  141
examination  175
experiential learning  47

F
facilitation  214,  225
facilitator  114,  142
facilitator’s guide  114
facilitatory skills  65
feedback forms  180
formative assessment  172
freeloaders  185

G
Gagné’s conditions of learning  229
graduates  52
group dynamics skills  231
group interaction  73
group process  226
guided design  113

H
“high stakes” assessment  172
holistic assessment  175
horizontal integration  218

I
ICT (see information and communication technologies)
ILG (see intelligent learning guide)
independent study  45
individual learning  152
information and communication technologies (ICT)  195
information literacy  92,  243
information processing theory  6
information-related learning activities  195
inquiry skills  90
instructional content  13
instructional objectives  111
intelligent learning guide (ILG)  206
intelligent tutoring system (ITS)  206
interaction  45,  227
interdepartmental collaboration  45
interpersonal skills  95
ITS (see intelligent tutoring system)

J
Joint Information Systems Committee (JISC)  193

L
LCS (see learning companion system)
learner ownership  108
learner-based cases  37
learning  65,  245
learning companion system (LCS)  206
learning issues  141,  149
learning outcomes  111,  173,  213,  228
learning skills  99
learning team coaches (LTC)  215
level of complexity  109
logic of affordances  209
logic of control  209
long-term benefits  58
long-term memory (LTM)  7
LTC (see learning team coaches)
LTM (see long-term memory)
M

maintenance skills 97
mastery 172
MCQ (see multiple choice questions)
metacognitive skills 19, 76, 51, 100
mindset 88
monitoring progress 69
motivation 242
multi-disciplinary 109
multiple choice questions (MCQ) 175, 207
multiple perspectives 108

O

online tutorials 193
open discovery model 173
open-ended questions 69
organisational issues 212
organisational support 217

P

paradigm shift 27
PBL (see problem-based learning)
PBL tutor 68
peer assessment 174
peer/student facilitator model 215
performance goals 178
personal attributes 79
pitfalls 115
POLARIS 202
prior knowledge 8
probing 227
problem solving 25, 45, 50, 111, 173
problem-based 38
problem-based learning (PBL) 15, 25, 32, 44, 68, 213, 225
process skills 178
program-based learning 38
programmed learning 193
project-based learning 38

Q

questioning 227
questioning skills 82

R

reasoning skills 66
reflection 178
reflection skills 100
reflection-in-action 45
reflective journals 180
reflective observation (RO) 48
reflexivity 14
reformulate 141
reliability 172
resource 65, 100, 196
revise 141
ritual behaviour 239
RO (see reflective observation)
roving facilitator model 215

S

search engines 196
self assessment 112, 173
self-directed learning 26, 45, 68, 112, 142, 173, 226
self-regulated learning 9
short-term benefits 58
short-term memory (STM) 6
small-group process 70
social negotiation 13
social support 234
staff-development 218
STM (see short-term memory)
structured problem 105
student performance 172
student-centered 14, 65
student-centered learning 68
student-centred instruction 14
subject domain expert 68
subject knowledge 174
summative assessment 172
synchronous 195
synchronous communications 204

T

team leadership skills 98
team working 93
team size 214
team spirit 73
team working 55, 112, 173
testing hypotheses 149
thinking processes 66
time management 99
traditional learning 26, 34
traditional teaching 46
trans-disciplinary 109
trigger 65, 104, 111
Tripartite assessment 184
triple jump 184
trust 237
tutor 65, 79, 214, 225
tutorial process 157

U
uncommitted group member 240

V
validity 172
variety 292
vertical integration 218
virtual learning environment (VLE) 183, 198

W
Web logs (blogging) 206
WebCT® 198
wireless technology 198