Index

Page references followed by *t* indicate a tool; followed by *e* indicate an exhibit.

**A**
Action plans: sample behavioral skill, 138, 140*e*; sample of, 138, 139*e*; sample plan for securing supervisor’s help, 138, 142*e*; sample worksheet for, 138, 141*e*
Adapt or Modify Existing Materials tool, 66*t*–67*t*, 157
Adult learning model: Adapt or Modify Existing Materials tool used with, 66*t*, 67*t*; behavior modeling to influence learner attitude using the, 191–193*t*; empathy role play using the five steps of the, 179–182*t*; five steps of the, 68–72; use five steps to teach application sharing, 92; Knowledge Methods Template tool used with, 152*e*–153*e*; Practice and Return Demonstration Template used with five steps of, 170, 171*t*–172*t*; role play/skill practice using the five steps of the, 173–174, 175*t*–176*t*; Seven-Step Process to Design Learning Materials tool used with, 63*t*; Skill Methods Template tool used with, 167*t*–168*t*
Adult learning steps, 179–180; step 1: trainer sets up learning activity, 68–69; step 2: learners participate in learning activity, 69; step 3: learners share and interpret their reactions, 69–70, 71;
step 4: learners identify concepts, 70, 71; step 5: learners apply concepts to their own situations, 70, 72

Alter ego role play, 174

Application: Debriefing Questions for an In-Basket Activity tool for concept, 133t; Debriefing Questions for Discussion Activities tool for concept, 123t; Jigsaw Learning/Team Teaching Debriefing Questions tool on concept, 137t; Processing Questions for Games and Simulations tool for, 131t; selecting appropriate training methods to promote, 36, 37; Technical Training Methods to Promote Application tool for, 38t. See also Recall

Application case study: “Catch Us Now” training example of, 99–101; debriefing questions for, 119; description of, 95; facilitator processing questions for, 101; questions for knowing when to select, 108

Application sharing: Application Sharing Debriefing Questions tool for, 93t; description of, 91; DIF analysis used for, 92; how to develop materials for, 91–92; Methods Variety Scale for, 92

Army School of Instructional Technology UK Royal Army Education Corps, 45

Assess Your Writing Skills, 20–21

Asynchronous learning tools, 53e

Attention span: Methods Variety Scale tool to expand, 42–43, 44t, 67t; varying the pace of training methods to extend, 42–43

Attitude verbs, 12t

Attitudes. See Influencing attitudes

Audiovisual support: advantages and disadvantages of media, 236e–237e; Audiovisual Instructional Medium tool for, 234, 235t; color psychology, 239–240; converting classroom training for e-learning, 246–249e; electronic slides, 236e, 239–241; flip charts and whiteboards/chalkboards, 236e, 237e–238; matching learning objective to, 40; Select the Best Audiovisual Support tool, 41t; video/film/DVD, 160, 161t, 236e–237e, 241–246e

B

Barbazette, Jean, 65

Behavior modeling: description and purpose of, 191; Five-Step Template for Behavior Modeling tool for, 192t–193t

Behavioral verbs: attitude verbs, 12t; knowledge verbs, 12e–13e; skill verbs, 11e–12e

Best Learning Experiences tool, 32t–33t, 66t, 151, 234

“Big picture revision,” 26

Board games, 128

Boredom: Methods Variety Scale tool to avoid, 42–43, 44t, 67t; varying the pace of training methods to avoid, 42–43
Brainstorming: common “rules of,” 22; creating comprehensive content by, 21–22; linear format to brainstorm content ideas, 22, 27t; mind map format to brainstorm content ideas, 22–23e
Brainstorming Template, 27t
Branded worksheets, 80–81e
British Broadcasting Corporation (BBC), 42

C
Cardiopulmonary resuscitation (CPR) training, 46
Case study development: step 1: write a learning objective, 106; step 2: select type of case study based on the objective, 106–108; step 3: select setting and characters required for reaching objective, 108–109; step 4: add dialogue if appropriate, 110; step 5: write instructions and discussion questions, 110; step 6: test the case study and obtain feedback, 110; step 7: revise the case study based on feedback, 111; step 8: develop variations, 111
Case study method: application type of, 95, 99–101, 108, 119; description of, 48, 50t, 94; Facilitator Processing Questions for, 97, 98, 99, 102, 104, 105, 119–120; identification type of, 94, 96–97, 107, 118; overcoming problems when developing the, 111–112; practice type of, 95, 98–99, 107, 118; problem-solving type of, 94–95, 97–98, 107, 118; serial case study type of, 95, 101–105, 108, 119; testing for knowledge through, 199; training tools for, 113t–117t; workshop design for use of the, 105. See also Training method styles
Case study tools: Case Study Checklist, 113t–114t; Case Study Critique Sheet, 115t–116t; Customize a Case Study Worksheet, 117t
Cashier training: identifying learning objectives for, 34; selecting learning experiences for, 34–35
Cause-to-effect sequencing, 24
Chats: closed questions used for, 121–122; debriefing questions for, 123t; description and function of, 121; open questions used for, 122
Checklists: Case Study Checklist tool for, 113t–114t; Checklist for Designing Your Own Game tool for, 126t–127t; Checklist for Developing Lesson Plans tool for, 231t; description of, 75; sample demonstration, 162e–163e; sample skill observation, 218; Skill Performance Test Checklist tool for, 210t–211t; tips for creating, 79t; transition and build checklist for building electronic slides, 240–241
Christakis, Dimitri, 43
Chronological sequencing, 23
Clark, Ruth, 37
Classroom training: converting material for e-learning from, 246–247; materials development based on e-learning versus, 51–55
Closed questions: description of, 121; discussion or chat, 121–122
Color psychology, 239–240
Completion/word association test, 200

Concepts: applied by learners to their own situations, 70–72; Debriefing Questions for an In-Basket Activity tool on, 133; Debriefing Questions for Discussion Activities tool on, 123; definition of, 36; using graphics to develop, 81; Jigsaw Learning/Team Teaching Debriefing Questions tool on, 137; learning activity where learners identify the, 70; Processing Questions for Games and Simulations tool for identifying, 131; training methods to promote recall and application of, 38–39
Construct validity, 208
Content and format: coming up with ideas for, 22–23; Content and Format Summary tool for, 74; editing materials for, 73; of lesson plans, 222
Content and Format Summary tool, 74
Content ideas: linear format for brainstorming, 22, 27; mind map format to brainstorm, 22–23; “rules of brainstorming” to create, 22
Content validity, 207
Contextual analysis: to choose the delivery medium, 61; for scheduling the training, 6; for selecting/developing the training program, 6
Cookbook job aid: description of, 75; format for, 77
Cost of training, 6
Create new learning experiences, 65–67
Criterion-referenced test (CRT), 207, 218
Criterion validity, 207
Customize a Case Study Worksheet tool, 117

D
Dealing With Difficult People workshop, 143
Debriefing questions: Debriefing Questions for an In-Basket Activity tool for, 133; Debriefing Questions for Discussion Activities tool, 123; Debriefing Questions for Empathy Role Plays tool for, 182; Debriefing Questions for Inquiry-Oriented Discussions tool for, 185; Debriefing Questions for Self-Assessments tool for, 190; for five types of case studies, 118–119; information search activity, 158; Jigsaw Learning/Team Teaching Debriefing Questions tool for, 137; techniques for role plays/skill practice, 174. See also Discussion questions; Feedback; Questions
Decision making: decision table job aid for, 75, 78; flowcharts used for, 75, 78; games used for, 128–129
Decision-making games, 128–129
Decision tables: description of, 75; format for, 78
Delivery medium: contextual analysis to choose the, 61; e-learning training, 51–55
Demonstrations: description of learning from, 162; practice and return, 170–173; sample demonstration checklist, 162e–163e; as training style, 48, 50
Design process: color psychology to keep in mind during the, 239–240; for effective visual support, 234–249; lesson plans, 16, 17t, 222–231; materials development during the, 3–7; reviewing the three phases of, 2, 3e–4e.
Discovery learning process: Facilitator Processing Questions used during, 71–72; step 1: trainer sets up by telling what, why, and how, 68–69; step 2: learners participate in a learning activity, 69; step 3: learners share and interpret their reactions, 69–70; step 4: learners identify concepts, 70; step 5: learners apply concepts to their own situations, 70–72
Discussion activity: closed questions used for, 121–122; debriefing questions for, 123; description and function of, 121; inquiry-oriented, 183e–185; open questions used for, 122; testing knowledge through, 199
Discussion questions: closed, 121–122; open, 122; writing case study, 110.
Dramatic reading, 173
DVD. See Video/film/DVD

E
E-learning training: administrative information provided during, 53e; asynchronous tools to promote interaction during, 53e; chats used during, 121–123t; converting classroom training for, 246–247; course materials used during, 53e; directions to instruct participants in, 51–52; example of script written for,
248e–249e; how to compensate for lack of face-to-face contact in, 55e; materials development based on classroom versus, 51–52; opportunities to connect with virtual learners of, 54e; synchronous tools to promote interaction during, 52e–53e

Editing content and format, 73–74t

Effect-to-cause sequencing, 24

Electronic slides: advantages and disadvantages of using, 236e; color psychology to keep in mind when designing, 239–240; designing slides with power, 239; transition and build checklist for creating, 240–241

Emotional graphics, 81–82t

Empathy role play: using adult learning steps to ensure successful, 179–180; Debriefing Questions for Empathy Role Plays tool for, 182t; description and purpose of, 179; Empathy Role Play tool for, 181t

Energizers: description of, 145; differentiating between session starters and, 145

Ernst, Linda, 38

Essay test, 201e

Evaluation: establishing criteria for training, 6; New Performance Evaluation Form Discussion Questions for, 183e–184e; Questions to Evaluate an Existing Game tool, 125t; of the training results, 6–7

Evaluation/revision phase: “big picture revision,” 26; case study, 111; summary of the, 2, 4e

Facilitator Processing Questions: for discovery learning, 71–72; to follow-up case study with, 119–120; for identification case study, 97; for practice case study, 99; for problem solving case study, 98; for serial case study, 102, 104, 105. See also Questions; Trainers

Facts: definition of, 36; training methods to promote recall and application of, 38–39t

Familiar to unfamiliar sequencing, 24

Feasibility analysis, 6

Feedback: revise the case study based on, 111; test the case study and obtain, 110. See also Debriefing questions

Field trips: description for, 160; Observation Worksheet Template for, 161t

Film. See Video/film/DVD

Fine, David, 239, 240

Fish bowl role play, 174

Five-Step Template for Behavior Modeling tool, 192t–193t

Flip charts: advantages and disadvantages of using, 237e; how to effectively use, 237–238
Flowcharts: description of, 75; format for, 78
Frequency of task performance, 45

G
Games and simulations: Checklist for Designing Your Own Game tool for, 126–127; description and types of, 124; The Dirty Dozen Game, 129–130; formats and suggestions for best use of each, 128–129; Processing Questions for Games and Simulations tool for, 131; Questions to Evaluate an Existing Game tool for, 125
Gaudier-Downs, Jeanette, 75
Geographical sequencing, 24
Goal analysis, 5
Graphics: creating branded and non-branded worksheets, 80–81; creating first impressions through, 80; developing a concept using, 81; emotional, 81–82; icons, 84, 85–86; negative example and well-placed example of using, 86–87; systems and non-systems sets of images, 83–84
Guidelines: definition of, 37; training methods to promote recall and application of, 38–39
Gunning Fog Index, 26

H
Handouts. See Learner handout materials
Hands-on exercise, 199

I
Historical sequencing, 23
Hospital auxiliary volunteer training: learning objectives for, 35; selecting learning experiences for, 35
Icon sets graphics, 84, 85–86
Idea organization: step 1: start with learning objective, 21; step 2: describe what needs to be develop, 21–23, 27; step 3: consider options to sequence the information, 23–25; step 4: write down your ideas, 25–26
Ideas: techniques for organizing, 21–27; testing knowledge through discussion of, 199
Identification case study: debriefing questions for, 118; description and purpose of, 94; facilitator processing questions for, 97; “new supervisor” example of, 96–97; questions for knowing when to select, 107
Image systems/non-systems, 83–84
Importance of task, 45
Improvisation role play, 173
In-basket exercises: Debriefing Questions for an In-Basket Activity tool for, 133; description and purpose of, 132; DIF Analysis used with, 132
Influencing attitudes: application sharing to acquire, 91–93; behavior modeling for, 191–193; case study method for acquiring, 48, 50, 94–120; discussion
(or chat) for acquiring, 121–123t; empathy role play for, 179–182t; games and simulations to acquire, 124–131t; in-basket exercises to acquire, 132–133t; inquiry-oriented discussions for, 183e–185t; interviews to acquire, 134e–135e; jigsaw learning or team teaching to acquire, 135–137t; polling to acquire, 138; self-assessments and inventories for, 186–190t. See also Learners

Informal role play, 173

Information: learning activities to share, 59; programmed notes providing essential learner, 73; three types of, 36–37; training methods to recall and apply, 38t–39t

Information list: description of, 75; tips for creating, 79t

Information search activity, 157e–158e

Information types: concepts, 36; facts, 36; guidelines, 37; Technical Training Methods to Promote Application of all, 39t; Technical Training Methods to Promote Recall of all, 38t; work processes and procedures, 37

Inquiry-oriented discussions: Debriefing Questions for Inquiry-Oriented Discussions tool for, 185t; description and purpose of, 183; New Performance Evaluation Form Discussion Questions to prompt, 183e–184e

Instructional objectives: behavioral verbs to describe, 11e–13e; four characteristics of, 10–14; Objective Exercise on writing, 14, 15; objectives for training program materials versus, 10; writing the, 6

Instructions: The Dirty Dozen Game, 130e; sample learning tournament rules and questions, 155e–156e; sample team teaching project (or jigsaw learning), 136e; writing case study, 110; for a writing task, 143e–144e

Interaction: asynchronous tools to promote, 53e; synchronous tools to promote, 52e–53e

Interviews: description and purpose of, 134; New Employee Orientation, 134e–135e; panel, 199

Inventories, self-assessments: Debriefing Questions for Self-Assessments tool for, 190t; debriefing through, 174; description and purpose of, 186; Self-Assessment Inventory Example, 187e–188e; Skills Self-Assessment, 189e; suggestions for writing, 186

J

Jigsaw learning: description and purpose of, 135; Jigsaw Learning/Team Teaching Debriefing Questions tool on, 137t; sample team teaching project instructions for, 136e. See also Study groups

Job aids: description and six types of, 72; developing effective and lean, 75; Job
Aid Development tool for, 76t; Job Aid Formats tool, 77t–79t
Job description: lesson plan inclusion of, 227e, 228e; as phase of the design process, 2, 3e
Job task (or function) sequencing, 24
Job/task analysis, 5

K
Kim, Insoo, 80
Kinesthetic problem-solving activity, 146e
Kirkpatrick, Donald, 2
Knowledge acquisition: application sharing for, 91–93t; case study method for, 48, 50t, 94–120; course pre-work for, 72–73, 158–160e; demonstrations for, 72–73, 162e–163; discussion (or chat) for, 121–123t; games and simulations for, 124–131t; in-basket exercises for, 132–133t; interviews for, 134e–135e; jigsaw learning or team teaching for, 135–137t; learning tournaments for, 155e–156e; lecture for, 48, 49, 50t, 151–154t; observation, field trips, and video for, 160–161t; polling for, 138; self-study methods for, 157e–158e; study groups for, 160; writing tasks to describe situation for applying, 143e–144e. See also Learners; Skills acquisition
Knowledge Methods Template, 152t–154t
Knowledge verbs, 12e–13e

Knowledge/skills test development:
poor and better examples of writing objective, 202–205; steps for, 199–200; summary of criteria for writing objective, 205; types of questions used to measure knowledge, 200e–201e
Knowledge/skills test questions:
completion/word association, 200e; essay, 201e; multiple choice, 200e; true/false or two-alternatives response, 200e
Knowledge/skills tests: for case study to obtain feedback, 110; criteria used for, 197–198; criterion-referenced test (CRT), 207, 218; description of, 67t, 199; examples of different formats for, 199; preparing handout material for, 72; reasons for writing, 197; reliability of, 206; sample matrix of job elements used to write, 198e; skill performance, 198, 209–219t; as training style, 48, 49, 50t; validity of, 207–209. See also Lecture

L
Labin, Jenn, 80
Learner handout materials: case studies, 72; developing effective and lean job aids, 75–79t; The Dirty Dozen Game, 129e–130e; e-learning course, 53e; editing content and format of, 73–74t; exercises, 72; using graphics to enhance, 80–87e; objectives for writing, 16; pre-work, 72–73, 158–160e; programmed notes, 72,
73; reference materials and job aids, 72; template for writing objectives for, 17; tests, 72. See also Design process; Learning activities

Learners: considerations for e-learning virtual, 51–55; determining practice required to learn new skill by, 45–47; identifying and applying concepts, 70–72; identifying the, 5; lack of face-to-face contact and connecting with the virtual, 54–55; matching training method styles to, 48–50; observation debriefing of, 174; varying training methods to extend attention span of, 42–44. See also Influencing attitudes; Knowledge acquisition; Skills acquisition; Trainees

Learning activities: application sharing, 91–93; behavior modeling, 191–193; case study method, 48, 50, 94–120; demonstrations, 48, 50, 162–163, 170–173; discovery, 68–72; discussions (or chats), 121–123, 183–185; games and simulations, 124–131; in-basket exercises, 132–133; interviews, 134–135; jigsaw learning or team teaching, 135–137; learning tournaments, 155–156; lecture, 151–154; observation, field trips, and video, 160–161; polling, 138; pre-work assignments, 72–73, 158, 159; role play/skill practice, 173–176; 179–182; self-assessment and inventories, 174, 186–190; self-study materials, printed resources, and information search, 157–158; session starters and energizers, 145–146; seven-step process to design, 60–62, 63–64; Skill Methods Template for developing, 166, 167–169; study groups, 160; task force projects or action plans, 138–142; three different purposes for, 59–60; writing tasks, 143–144. See also Design process; Learner handout materials; Materials development

Learning activity development: of activities to acquire knowledge/skills and influence attitudes, 91–146; of activities to acquire knowledge, 151–163; of activities to acquire skill, 167–176; of activities to influence attitudes, 179–193

Learning activity purpose: to direct, 59; to inform, 59; to persuade, 60

Learning experience training style, 48, 50

Learning experiences: adapt, modify, or create new, 65–67; discovery, 68–72; matching learning objective to best, 31; options for, 32–33; sales representative training matched to best, 34. See also Training method styles

Learning experiences tools: Adapt or Modify Existing Materials, 66–67, 157; Best Learning Experiences, 32–33, 66, 151, 234; DIF: How
Much Practice and Training?, 47t, 66t; Methods Variety Scale, 42–43, 44t, 67t
Learning objectives: case study, 106–109; matching cashier training to, 34–35; matching hospital auxiliary volunteer training to, 35; organizing your ideas by establishing, 21; sales representative learning experience matched to, 34; selecting best learning experiences to match, 31, 32t–33t. See also Objectives
Learning tournaments: description of, 155; sample learning tournament rules and questions, 155e–156
Lecture: Knowledge Methods Template tool for, 152t–154t; as training style, 48, 49, 50t, 151. See also Tests
Lesson plan tools: Checklist for Developing Lesson Plans, 231t; Lesson Plan Type Selection, 224t–225
Lesson plan types: Lesson Plan Type Selection tool for, 224t–225; outline, 223, 228e–229e; overview, 223, 230e; scripted, 222–223, 226e–227e
Lesson plans: Checklist for Developing Lesson Plans tool for, 231t; contents of, 222; objectives for writing, 16; purpose of, 222; template for writing objectives for, 17t; types of, 222–229e

M
Management: perceived importance of learned task by, 45; presenting training plan for approval to, 7. See also Supervisors
Materials development: audiovisual, 40, 41t, 160, 161t, 234–249e; classroom versus e-learning delivery considerations for, 51–55e; converting classroom to e-learning, 246–247; during development phase of design process, 2, 3e–7; effective visual support, 234–249e; scripts, 16, 17t, 222–223, 226e–227e, 241–246e; ten-part training plan for, 4–7; three learning purposes of, 59–60. See also Learning activities; Training methods
Materials development training plan: step 1: define the issue, 4–5; step 2: identify the need, 5; step 3: contract with supervisors, 5; step 4: identify/establish performance standards, 5; step 5: identify trainees, 5; step 6: establish training objectives, evaluation criteria, and results, 6; step 7: determine costs of training, 6; step 8: select/develop training program, 6; step 9: schedule the training, 6; step 10: evaluate the results, 6–7
Methods Variety Scale tool, 42–43, 44t, 67t, 92
Microsoft Word, 26
Mind map brainstorming, 22–23e
Multiple choice test, 200e

N
Needs versus wants analysis: establishing training objectives, 6; identifying training needs, 5
New Employee Orientation Interview, 134–135
e
New Performance Evaluation Form Discussion Questions, 183–184
e
Non-branded worksheets, 80–81
e

Objective Exercise: answers to the, 15; questions for, 14

Objectives: decision-making games, 128–129; game's behavioral, 126; instructional, 10–14, 15; organizing your ideas by establishing, 21; for training program materials, 10, 14, 16–17. See also Learning objectives

Objectives for writing materials: for writing learner handout materials, 16; for writing lesson plans, 16; for writing scripts, 16

Observation: debriefing trainer of, 174; description of, 160; Observation Worksheet Template, 161; sample skill observation checklist, 218

Observer debriefing technique, 174

Open discussion debriefing, 174

Open questions: description of, 122; discussion or chat, 122

Oral/verbal tests, 199

Organizational unit sequencing, 25

Organizing ideas: step 1: start with learning objective, 21; step 2: describe what needs to be develop, 21–23, 27; step 3: consider options to sequence the information, 23–25; step 4: write down your ideas, 25–26

Outline lesson plans: description of, 223; sample, 228–229

Overview lesson plans: description of, 223; sample, 230

Pace training methods: to expand learner attention span, 42–43; Methods Variety Scale tool for, 42–43, 44, 67, 92

Panel interview, 199

Participant-prepared skits, 173

Performance analysis, 5

Performance evaluations: inquiry-oriented discussions to train for, 183, 183–185; New Performance Evaluation Form Discussion Questions for, 183–184

Performance standards, 5

Pfeiffer, J. William, 71

Polling activity, 138

PowerPoint slides. See Electronic slides


Practice and return demonstrations: description of, 170; Practice and Return Demonstration Template for
Index

creating, 171t–172t; testing knowledge through, 199
Practice case study: debriefing questions for, 118; description of, 95; facilitator processing questions for, 99; “giving orders” example of, 98–99; questions for knowing when to select, 107
Pre-work assignments: description of, 72–73, 158; sample pre-work assignment letter on, 159e–160e
Predictive validity, 207
Printed resources, 157e–158e
Problem-solving activities: kinesthetic, 146e; visual, 145e
Problem solving case study: debriefing questions for, 118; description and purpose of, 94–95; facilitator processing questions for, 98; questions for knowing when to select, 107; “rumors” example of, 97
Processing Questions for Games and Simulations tool, 131t
Product creation test, 199
Programmed notes, 72, 73
Psychological sequencing, 23

Q
Questions: discussion or chat, 110, 121–122; to evaluate an existing game, 125t; Processing Questions for Games and Simulations, 131t; six types of test, 200e–201e. See also Debriefing questions; Facilitator Processing Questions Questions to Evaluate an Existing Game tool, 125t
Quiz show games, 128

R
Rating systems: skill performance, 209; Skill Performance Rating Systems tool for, 216t
Readability: Knowledge Methods Template for, 152t; reviewing to ensure, 26; Skills Methods Template for, 167t
Recall: selecting appropriate training methods to promote, 36–37; Technical Training Methods to Promote Recall tool for, 38t. See also Application Reliability of test, 206
Replay of life role play, 173
Return demonstrations, 170–173t, 199
Reverse chronological sequencing, 23–24
Revisions. See Evaluation/revision phase
Role play/skill practice: description and purpose of, 173; empathy role play, 179–182t; Role-Play Template tool for, 175–176t; suggestions for writing, 173–174
Rossett, Allison, 75

S
Sales representative training: sample video script treatment for, 243e–244e; selecting best learning experience for, 34; selling skills training video for, 25
Scheduling training, 6
Script treatment: example of e-learning, 248–249; lesson plans, 222–223, 226–227; objectives for writing, 16; template for writing objectives for, 17; video, 241–246. See also Dialogue

Select the Best Audiovisual Support tool, 41

Self-assessments and inventories: Debriefing Questions for Self-Assessments tool for, 190; debriefing through, 174; description and purpose of, 186; Self-Assessment Inventory Example, 187–188; Skills Self-Assessment, 189; suggestions for writing, 186

Self-study materials: Adapt or Modify Existing Materials tool for, 66–67; description of, 157; sample information search activity, 157–158

Selling skills training video, 25

Sequencing information: organization of ideas by, 23; ten options for, 23–25

Sequencing training methods: factors to consider for, 48–49; Situational Training Methods Model for, 48–49, 50

Serial case study: debriefing questions for, 119; description of, 95; “manager training” part I example of, 101–102; “manager training” part I facilitator processing questions, 102; “manager training” part II example of, 103; “manager training” part II facilitator processing questions, 104; “manager training” part III example of, 104–105; “manager training” part III facilitator processing questions, 105; questions for knowing when to select, 108

Session starters: definition of, 145; differentiating between “energizers” and, 145; kinesthetic problem-solving activity, 146; visual problem-solving activity, 147

Seven-Step Process to Design Learning Materials tool, 63–64

Simulations and games: Checklist for Designing Your Own Game tool for, 126–127; description and types of, 124; The Dirty Dozen Game, 129–130; formats and suggestions for best use of each, 128–129; Processing Questions for Games and Simulations tool for, 131; Questions to Evaluate an Existing Game tool for, 125

Simultaneous role play, 174

Situational Training Methods Model tool, 48–49, 50

Size sequencing, 24–25

Skill Methods Template, 166, 167–169

Skill (or knowledge) test. See Knowledge/skills tests

Skill performance test checklist: sample, 218; Skill Performance Test Checklist tool for, 210–211

Skill performance tests: description of, 198; rating systems for, 209; sample, 218; Skill Performance Rating Systems tool for, 216; Skill Performance Test
Exercise tool for, 217–219; Skill Performance Test Template tool for, 212, 213–214
Skill verbs, 11e–12e
Skills acquisition: application sharing for, 91–93; case study method for, 48, 50; discussion (or chat) for, 121–123; games and simulations for, 124–131; in-basket exercises for, 132–133; interviews for, 134e–135e; jigsaw learning or team teaching for, 135–137; polling for, 138; practice and return demonstrations for, 170–172; role play/skill practice for, 173–174; Skill Methods Template for creating learning activities for, 167–169; writing tasks to describe situation for applying, 143e–144e. See also Knowledge acquisition; Learners Skills Self-Assessment, 189e
Skills testing. See Knowledge/skills tests
Smith, Melissa, 32, 41
Specific roles play, 173
Spelling and grammar tools, 26
Stimulus-response sequencing, 24
Study groups, 160. See also Jigsaw learning
Subject matter experts (SMEs), 6, 70
Summary exercise, 199
Supervisors: defining training role of the, 5; perceived importance of learned task by, 45; sample action plan for securing help from, 138, 142e. See also Management
Synchronous learning tools, 52e–53e

T
Tagging role play, 174
Target Population Analysis, 5, 61
Task force projects: description of, 138; sample action plan for, 138, 139e; sample action plan worksheet for, 138, 141e; sample behavioral skill action plan for, 138, 140e; sample supervisor's help action plan for, 138, 142e
Tasks: cookbook list for completing, 75, 77; determining required practice for learning CPR, 46; DIF: How Much Practice and Training? tool to learn new, 47; 66, 92, 132; difficulty of, 45; frequency of repeated performance of, 45; perceived importance to, 45; sample matrix of job elements used for testing, 198e; worksheet list for explaining steps of, 75, 77e. See also Writing tasks
Team teaching (jigsaw learning): description and purpose of, 135; Jigsaw Learning/Team Teaching Debriefing Questions tool for, 137; sample team teaching project instructions for, 136
Technical Training Methods to Promote Application tool, 39
Technical Training Methods to Promote Recall tool, 38–39
Templates: Brainstorming Template, 27; Five-Step Template for Behavior Modeling, 192–193; Knowledge Methods Template, 152e–153e,
152t–154r; Observation Worksheet Template, 161t; Practice and Return Demonstration Template, 170, 171t–172r; Role-Play Template, 175t–176r; Skill Methods Template, 166, 167t–168t, 167t–169r; Skill Performance Test Template, 212, 213t–214r; Writing Training Materials Objectives Template, 17t. See also Tools

Test questions: completion/word association, 200e; essay, 201e; multiple choice, 200e; true/false or two-alternatives response, 200e

Tests: criterion-referenced test (CRT), 207, 218; development of, 199–205; knowledge/skills, 67t, 72, 110, 197–199; reliability of, 206; skill performance, 198, 209–219t; as training style, 48, 49, 50t; validity of, 207–209

Three phases of design, 2, 3e–4e

Tools: Adapt or Modify Existing Materials, 66t–67t, 157; Application Sharing Debriefing Questions, 93t; Audiovisual Instructional Medium, 234, 235t; Best Learning Experiences, 32t–33t, 66t, 151, 234; Case Study Checklist, 113t–114t; Case Study Critique Sheet, 115t–116t; Checklist for Designing Your Own Game, 126t–127t; Checklist for Developing Lesson Plans, 231t; Content and Format Summary, 74t; Customize a Case Study Worksheet, 117t; Debriefing Questions for an In-Basket Activity, 133t; Debriefing Questions for Discussion Activities, 123t; Debriefing Questions for Empathy Role Plays, 182t; Debriefing Questions for Inquiry-Oriented Discussions, 185t; Debriefing Questions for Self-Assessments, 190t; DIF: How Much Practice and Training?, 47t, 66t, 92, 132; Jigsaw Learning/Team Teaching Debriefing Questions, 137t; Job Aid Development, 76t; Job Aid Formats, 77t–79t; Lesson Plan Type Selection, 224t–225; Methods Variety Scale, 42–43, 44t, 67t, 92; Processing Questions for Games and Simulations, 131t; Questions to Evaluate an Existing Game, 125t; Role-Play Template, 175t–176t; Select the Best Audiovisual Support, 41t; Seven-Step Process to Design Learning Materials, 63t–64t; Situational Training Methods Model, 50t; Skill Methods Template, 166, 167t–169t; Skill Performance Rating Systems, 216t; Skill Performance Test Checklist, 210t–211t; Skill Performance Test Exercise, 217t–219t; Skill Performance Test Template, 212, 213t–214t; Technical Training Methods to Promote Application, 39t; Technical Training Methods to Promote Recall, 38t. See also Templates
Trainees. See Learners

Trainers, 68–69. See also Facilitator

Processing Questions

The Training Clinic, 32, 38, 41, 44, 146

Training method styles: demonstrate, 48, 50t, 162, 162e–163e, 170–173t, 199; lecture/test, 48, 49, 50t, 151–154t.

See also Case study method; Learning experiences

Training methods: avoid boredom by pacing the, 42–44t; for cashier training, 34–35; considerations for classroom versus e-learning delivery, 51–55e; determining required practice to learn new skill, 45–47t; for hospital auxiliary volunteer training, 35; identifying the learning objective to select, 31; matching audiovisual support for materials design and delivery, 40–41t; matching best learning experiences with, 31, 32t–33t; to promote recall and application, 36–39t; for sales representatives, 34; using a situational training model to sequence, 48–50t. See also Materials development

Training plan steps: step 1: define the issue, 4–5; step 2: identify the need, 5; step 3: contract with supervisors, 5; step 4: identify/establish performance standards, 5; step 5: identify trainees, 5; step 6: establish training objectives, evaluation criteria, and results, 6; step 7: determine the cost of training, 6; step 8: select/develop the training program, 6; step 9: schedule the training, 6; step 10: evaluate the results, 6–7

Training plans: getting approval for, 7; summary of planning phase, 2, 3e; ten-part, 4–7

Training programs: cost of, 6; evaluating, 2, 4e, 6–7, 26, 111, 125t, 183e–184e; objectives for materials, 10, 14, 16–17t; planning the, 2, 3e, 4–7; scheduling the, 6

True/false or two-alternatives response test, 200e

Two-alternatives response or true/false test, 200e

Validity: analyzing the data for, 208–209; sample item validity test, 208e; types of test, 207–208

Verbal/oral tests, 199

Video scripting: do’s and don’ts for, 246e; draft example of audio and, 244e–245e; sample video script treatment, 243e–244e; ten steps for process of, 241–243

Video/film/DVD: advantages and disadvantages of using, 236e–237e; color psychology to keep in mind when designing, 239–240; description of learning from, 160; Observation Worksheet Template for, 161t; scripting, 241–246e
Virtual learners: converting material for, 246–247; materials development based on e-learning considerations, 51–55
Visual problem-solving activity, 145
Visual support: advantages and disadvantages of media, 236e–237e; Audiovisual Instructional Medium tool for, 234, 235t; color psychology, 239–240; converting classroom training for e-learning, 246–249e; electronic slides, 236e, 239–241; flip charts and whiteboards/chalkboards, 236e, 237e–238; matching learning objective to, 40; Select the Best Audiovisual Support tool, 41t; video/film/DVD, 160, 161t, 236e–237e, 241–246e

W
Whiteboard/chalkboard: advantages and disadvantages of using, 236e; how to effectively use, 237–238
Wilder, Claudyne, 239, 240
Word association/completion test, 200e
Word processing software, 26
Work processes and procedures:
  definition of, 37; training methods to promote recall and application of, 38–39t
Worksheets: action plans, 138, 141e; creating branded and non-branded, 80–81e; description of, 75; format for, 77t; information search activity, 157e
Writer’s block, 25–26
Writing objectives: for writing
  learner handout materials, 16; for writing lesson plans, 16; for writing scripts, 16
Writing purpose: to direct, 59; to inform, 59; to persuade, 60
Writing skills: assessing readability, 26, 152t, 167t; assessing your, 20–21; four steps to organize your ideas, 21–27t
Writing tasks: assessing readability of completed, 26, 152t, 167t; case study dialogue, 110; case study instructions and discussion questions, 110; e-learning script, 248e–249e; instructions for a, 143e–144e; learning tournament rules and questions, 155e–156e; lesson plan scripts, 222–223, 226e–227e; objectives for writing scripts, 16; scripting videos, 241–246e; team teaching project (or jigsaw learning) instructions, 136e; template for writing objectives for scripts, 17t. See also Tasks
Writing Training Materials Objectives Template, 17t
Written post-test, 199