

Contents

Preface	7
Introduction	9
1. Lesson planning	10
1.1 Preliminary considerations: Basic goals ("What?")	10
1.2 Further considerations: Successful concepts ("How?")	13
I. Worthwhile questions.....	18
Questions about institutional requirements and general conditions in the school.....	19
Questions about the class and about the individual students.....	19
Questions on the relevance of the subject.....	19
Questions about the subject itself	20
II. Learning goals.....	20
Meaning and legitimation of learning goals.....	20
The classification of learning goals	21
The taxonomy of learning goals according to Anderson and Krathwohl (2001)	22
Affective learning goals according to Krathwohl	25
Psychomotor learning goals according to Bloom.....	26
Formulating learning goals	27
III. Who does what, when, how, why and how can we make sure it sticks?.....	29
How to use this chapter.....	29
From the goal to the lesson	29
1.4 Warming up.....	31
1.5 Overview: Basic formulas.....	33
1.6 Teaching methods and student grouping.....	34
1.6.1 Teaching methods.....	34
1.6.2 Student grouping	38
Method: Exploration by questions.....	38
Method: The lecture.....	40
Other teaching methods.....	41
1.7 Multimedia and resources in class	43
Overview of multimedia.....	43
Designing and using multimedia resources.....	46
Information on the board	48
Designing and creating worksheets.....	49

1.8	Creating a draft lesson plan.....	51
1.9	Summary of lesson planning.....	53
2.	Basics of the psychology of learning	55
2.1	Learning and memory.....	55
2.2	From knowledge acquisition to problem solving.....	57
2.2.1	Instrumental learning.....	57
2.2.2	Cognitive learning.....	59
2.2.3	Planned action - Action regulation.....	60
2.2.4	Learning and solving problems.....	63
2.3	Representing information.....	65
2.3.1	Linguistic representation.....	67
2.3.2	Analogue representations.....	67
2.3.3	Action-related representation.....	68
2.4	Types of knowledge.....	68
2.5	Theories of forgetting.....	70
2.6	From transmitting knowledge to transmitting competence.....	71
2.6.1	Dimensions of action-related competence.....	71
2.6.2	Imparting competence.....	74
2.7	Psychology of learning and lesson planning.....	74
3.	From traditional to action-related teaching	77
3.1	Traditional teaching.....	77
3.2	Action-oriented teaching.....	79
3.3	From the learning area to the learning situation.....	81
3.4	Features of action-related teaching.....	85
4.	Similarities and differences between didactics, subject didactics and the didactics of theoretical vocational instruction	87
4.1	What is the meaning of the term "didactics".....	87
4.2	Subject didactics and didactics of theoretical vocational teaching.....	89
4.2.1	Didactics of teaching business studies.....	92
4.2.2	Didactics of technical teaching.....	96
5.	The duties of teachers	102
5.1	The professional teacher.....	102
5.1.1	Knowledge and expertise.....	103
5.1.2	Teachers as role models.....	103
5.1.3	Dedication.....	103
5.2	Necessary professionalism.....	104

6.	Evaluation of teaching - quality of teaching	105
6.1	Quality of instruction according to Meyer.....	106
	1. Clear structure of the process of teaching and learning.....	107
	2. Intensive use of learning time.....	107
	3. Consistency of decisions concerning goals, content and methods	108
	4. Variety of methods.....	108
	5. Intelligent practising.....	109
	6. Individual encouragement.....	109
	7. Teaching atmosphere of learnability.....	110
	8. Meaningful teaching conversations.....	111
	9. Student feedback.....	112
	10. Clear expectations and monitoring of performance.....	112
Appendix		115
Part 1 Basic Formulas		116
Part 2 Suggestions for getting a lesson started		129
Part 3 Teaching methods		132
	The lecture by the teacher - teacher information.....	132
	The method of exploration by questions - the class discussion.....	132
	Collection of methods for finding out about students' prior knowledge and opinions.....	132
	Brainstorming.....	133
	Photo association.....	134
	One point question/ My standpoint.....	135
	Avalanche.....	137
	Collection of methods for exploring new material.....	138
	Q&A session.....	138
	Headstand method.....	139
	Collection of methods for repetition and securing results.....	140
	ABC method.....	140
	Carrousel discussion (ball bearings).....	141
	Mind mapping.....	142
	Role playing games.....	143
	Method 66 (beehive).....	144
	Additional teaching methods - large-scale methodic forms.....	144
	Cooperative learning.....	144
	Action-oriented methods.....	147
	Project.....	147
	Learning stations.....	148

Simulated games.....	150
Role-play	151
Case studies.....	153
Learning with work assignments.....	155
Group puzzle	156
Future workshop	158
Self-organised learning	159
E-learning and blended learning	159
Part 4 Exemplary lesson plan	161
Lesson in retailing: “Dealing with particular sales situations: Customer behaviour and types of consumers”	162
Part 5 Glossary	170
Master Copies	174
Template for a schedule	174
Example of a class observation form.....	175
Table of figures	177
Literature	179