

Chapter D Teaching methods Basic data

Kapitel D Unterrichtsmethoden Basisdaten

Internet		D31 All the information you need can be found in the internet.			D33 The Internet is the fastest way to find information.			D55 Working with Internet makes intensive learning possible outside school hours.			
		agree	do not know	disagree	agree	do not know	disagree	agree	do not know	disagree	
Internet		D31 Im Internet findet man alle Informationen, die man braucht.			D33 Schneller als im Internet kann man nirgends an Informationen gelangen.			D55 Der Umgang mit dem Internet ermöglicht auch intensives Lernen außerhalb der Schulzeit.			
Informationsumfang und Informationszugang		stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	
BG	pre	N	17	0	1	12	3	3	12	3	3
		N %	94%	0%	6%	67%	17%	17%	67%	17%	17%
	post	N	16	1	1	16	0	2	16	2	0
		N %	89%	6%	6%	89%	0%	11%	89%	11%	0%
CY	pre	N	9	2	4	14	1	0	8	7	0
		N %	60%	13%	27%	93%	7%	0%	53%	47%	0%
	post	N	8	2	5	15	0	0	7	7	1
		N %	53%	13%	33%	100%	0%	0%	47%	47%	7%
DE	pre	N	106	3	8	97	5	13	75	25	17
		N %	91%	3%	7%	84%	4%	11%	64%	21%	15%
	post	N	107	2	8	99	10	6	83	16	15
		N %	91%	2%	7%	86%	9%	5%	73%	14%	13%
ES	pre	N	48	1	1	28	8	14	45	4	1
		N %	96%	2%	2%	56%	16%	28%	90%	8%	2%
	post	N	46	3	1	32	7	9	41	7	2
		N %	92%	6%	2%	67%	15%	19%	82%	14%	4%
GR	pre	N	19	0	0	19	0	0	16	1	1
		N %	100%	0%	0%	100%	0%	0%	89%	6%	6%
	post	N	19	0	0	17	0	1	16	1	2
		N %	100%	0%	0%	94%	0%	6%	84%	5%	11%
HU	pre	N	22	0	8	25	3	2	19	7	4
		N %	73%	0%	27%	83%	10%	7%	63%	23%	13%
	post	N	26	1	3	28	1	1	23	5	2
		N %	87%	3%	10%	93%	3%	3%	77%	17%	7%
IT	pre	N	23	0	0	22	1	0	15	4	3
		N %	100%	0%	0%	96%	4%	0%	68%	18%	14%
	post	N	21	1	0	16	1	5	18	0	3
		N %	95%	5%	0%	73%	5%	23%	86%	0%	14%
NL	pre	N	13	1	3	13	1	3	13	2	2
		N %	76%	6%	18%	76%	6%	18%	76%	12%	12%
	post	N	16	0	1	13	2	2	8	5	4
		N %	94%	0%	6%	76%	12%	12%	47%	29%	24%
PL	pre	N	20	0	3	21	2	0	17	3	3
		N %	87%	0%	13%	91%	9%	0%	74%	13%	13%
	post	N	21	0	2	22	0	1	17	5	1
		N %	91%	0%	9%	96%	0%	4%	74%	22%	4%
CZ*	pre	N	26	1	5	19	2	11	28	2	2
		N %	81%	3%	16%	59%	6%	34%	88%	6%	6%
	post	N	26	2	4	17	3	12	27	3	2
		N %	81%	6%	13%	53%	9%	38%	84%	9%	6%
DE*	pre	N	20	0	1	17	0	4	17	2	2
		N %	95%	0%	5%	81%	0%	19%	81%	10%	10%
	post	N	18	0	3	20	0	1	14	3	4
		N %	86%	0%	14%	95%	0%	5%	67%	14%	19%
Total	pre	N	323	8	34	287	26	50	265	60	38
		N %	88%	2%	9%	79%	7%	14%	73%	17%	10%
	post	N	324	12	28	295	24	40	270	54	36
		N %	89%	3%	8%	82%	7%	11%	75%	15%	10%

Internet Barriers using the internet			D 32 The English language stops me from using the Internet more often.			D44 Without information in the mother tongue there is a limit to the possibilities of using the Internet.			D47 The main problem at our school with regard to Internet is that we have too little technical help.			D53 Any well-ordered library is better than the Internet.		
			agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree
Internet Hinderungsgründe für die Nutzung des Internets			D32 Die englische Sprache hält mich davon ab, häufiger das Internet zu nutzen.			D44 Ohne die Informationen in der Muttersprache sind die Möglichkeiten der Internetnutzung begrenzt.			D47 Das Hauptproblem an unserer Schule in Sachen Internet ist, dass man zu wenig technische Hilfe bekommt.			D53 Jede gut geordnete Bibliothek ist dem Internet überlegen.		
			stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu
BG	pre	N	6	1	11	8	5	5	10	3	5	6	4	8
		N %	33%	6%	61%	44%	28%	28%	56%	17%	28%	33%	22%	44%
	post	N	7	1	10	7	5	6	10	7	1	8	5	5
		N %	39%	6%	56%	39%	28%	33%	56%	39%	6%	44%	28%	28%
CY	pre	N	0	0	15	5	5	5	4	4	7	4	4	7
		N %	0%	0%	100%	33%	33%	33%	27%	27%	47%	27%	27%	47%
	post	N	1	0	14	8	5	1	3	6	6	5	6	4
		N %	7%	0%	93%	57%	36%	7%	20%	40%	40%	33%	40%	27%
DE	pre	N	4	3	109	38	28	51	28	37	51	20	42	55
		N %	3%	3%	94%	32%	24%	44%	24%	32%	44%	17%	36%	47%
	post	N	4	6	107	34	21	59	26	29	60	16	49	50
		N %	3%	5%	91%	30%	18%	52%	23%	25%	52%	14%	43%	43%
ES	pre	N	8	6	36	10	22	18	23	14	12	6	11	33
		N %	16%	12%	72%	20%	44%	36%	47%	29%	24%	12%	22%	66%
	post	N	10	8	32	16	22	12	29	13	7	13	17	20
		N %	20%	16%	64%	32%	44%	24%	59%	27%	14%	26%	34%	40%
GR	pre	N	3	1	15	9	0	9	14	2	3	4	1	14
		N %	16%	5%	79%	50%	0%	50%	74%	11%	16%	21%	5%	74%
	post	N	4	0	15	8	2	9	13	1	4	7	3	9
		N %	21%	0%	79%	42%	11%	47%	72%	6%	22%	37%	16%	47%
HU	pre	N	17	1	12	17	8	5	11	6	13	6	9	15
		N %	57%	3%	40%	57%	27%	17%	37%	20%	43%	20%	30%	50%
	post	N	15	2	13	23	6	1	15	1	14	7	3	20
		N %	50%	7%	43%	77%	20%	3%	50%	3%	47%	23%	10%	67%
IT	pre	N	5	4	14	10	5	8	9	7	7	6	8	9
		N %	22%	17%	61%	43%	22%	35%	39%	30%	30%	26%	35%	39%
	post	N	3	3	16	8	7	7	12	3	7	4	8	10
		N %	14%	14%	73%	36%	32%	32%	55%	14%	32%	18%	36%	45%
NL	pre	N	4	1	12	3	5	9	7	4	6	8	3	6
		N %	24%	6%	71%	18%	29%	53%	41%	24%	35%	47%	18%	35%
	post	N	0	1	16	1	3	13	3	7	7	2	2	13
		N %	0%	6%	94%	6%	18%	76%	18%	41%	41%	12%	12%	76%
PL	pre	N	4	1	18	7	2	14	10	4	9	6	4	13
		N %	17%	4%	78%	30%	9%	61%	43%	17%	39%	26%	17%	57%
	post	N	0	1	22	11	1	11	7	3	13	11	4	8
		N %	0%	4%	96%	48%	4%	48%	30%	13%	57%	48%	17%	35%
CZ*	pre	N	9	2	21	20	5	7	14	7	11	28	2	2
		N %	28%	6%	66%	63%	16%	22%	44%	22%	34%	88%	6%	6%
	post	N	9	1	22	21	2	9	10	8	14	30	1	1
		N %	28%	3%	69%	66%	6%	28%	31%	25%	44%	94%	3%	3%
DE*	pre	N	0	1	20	7	5	9	10	4	7	1	4	16
		N %	0%	5%	95%	33%	24%	43%	48%	19%	33%	5%	19%	76%
	post	N	2	0	19	1	0	20	11	1	9	1	5	15
		N %	10%	0%	90%	5%	0%	95%	52%	5%	43%	5%	24%	71%
Total	pre	N	60	21	283	134	90	140	140	92	131	95	92	178
		N %	16%	6%	78%	37%	25%	38%	39%	25%	36%	26%	25%	49%
	post	N	55	23	286	138	74	148	139	79	142	104	103	155
		N %	15%	6%	79%	38%	21%	41%	39%	22%	39%	29%	28%	43%

Internet Advantages of internet use			D35 Using the Internet in class is useful.			D41 The interactive nature of the Internet enriches students' learning.			D36 It is fun to surf on the Internet.			D39 Using the Internet makes lessons more interesting.		
			agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree
Internet Vorteile der Internnutzung			D35 Für Unterrichtszwecke finde ich den Einsatz des Internets eine Bereicherung.			D41 Gerade die interaktiven Möglichkeiten des Internets sind für Schüler/innen eine große Bereicherung.			D36 Im Internet zu surfen macht mir Spaß.			D39 Durch die Nutzung der Internetinformationen wird der Unterricht viel interessanter.		
			stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu
BG	pre	N	14	1	3	12	5	1	13	1	4	15	2	1
		N %	78%	6%	17%	67%	28%	6%	72%	6%	22%	83%	11%	6%
	post	N	16	1	1	15	1	2	13	3	2	16	1	1
		N %	89%	6%	6%	83%	6%	11%	72%	17%	11%	89%	6%	6%
CY	pre	N	10	3	2	8	5	2	15	0	0	6	6	3
		N %	67%	20%	13%	53%	33%	13%	100%	0%	0%	40%	40%	20%
	post	N	9	3	3	6	8	1	15	0	0	8	4	3
		N %	60%	20%	20%	40%	53%	7%	100%	0%	0%	53%	27%	20%
DE	pre	N	98	13	6	77	34	2	110	5	2	75	28	14
		N %	84%	11%	5%	68%	30%	2%	94%	4%	2%	64%	24%	12%
	post	N	98	9	10	75	33	6	105	5	7	75	26	15
		N %	84%	8%	9%	66%	29%	5%	90%	4%	6%	65%	22%	13%
ES	pre	N	48	0	2	34	12	4	48	0	2	29	14	7
		N %	96%	0%	4%	68%	24%	8%	96%	0%	4%	58%	28%	14%
	post	N	41	7	2	39	10	1	48	1	1	30	15	5
		N %	82%	14%	4%	78%	20%	2%	96%	2%	2%	60%	30%	10%
GR	pre	N	13	2	3	14	4	1	17	0	2	16	2	1
		N %	72%	11%	17%	74%	21%	5%	89%	0%	11%	84%	11%	5%
	post	N	14	2	3	11	5	2	18	0	1	16	2	1
		N %	74%	11%	16%	61%	28%	11%	95%	0%	5%	84%	11%	5%
HU	pre	N	23	7	0	11	13	6	26	2	2	25	4	1
		N %	77%	23%	0%	37%	43%	20%	87%	7%	7%	83%	13%	3%
	post	N	29	1	0	20	5	4	28	1	1	30	0	0
		N %	97%	3%	0%	69%	17%	14%	93%	3%	3%	100%	0%	0%
IT	pre	N	22	1	0	20	3	0	18	4	1	18	4	1
		N %	96%	4%	0%	87%	13%	0%	78%	17%	4%	78%	17%	4%
	post	N	21	0	0	17	4	0	18	1	3	17	2	2
		N %	100%	0%	0%	81%	19%	0%	82%	5%	14%	81%	10%	10%
NL	pre	N	13	3	0	13	2	2	14	2	1	15	1	1
		N %	81%	19%	0%	76%	12%	12%	82%	12%	6%	88%	6%	6%
	post	N	14	2	1	13	2	2	15	1	1	13	3	1
		N %	82%	12%	6%	76%	12%	12%	88%	6%	6%	76%	18%	6%
PL	pre	N	16	1	6	16	6	1	19	2	2	18	2	3
		N %	70%	4%	26%	70%	26%	4%	83%	9%	9%	78%	9%	13%
	post	N	17	1	5	15	4	4	18	3	2	21	2	0
		N %	74%	4%	22%	65%	17%	17%	78%	13%	9%	91%	9%	0%
CZ*	pre	N	29	2	1	15	13	4	26	3	3	23	6	3
		N %	91%	6%	3%	47%	41%	13%	81%	9%	9%	72%	19%	9%
	post	N	31	1	0	20	7	5	30	1	1	22	8	2
		N %	97%	3%	0%	63%	22%	16%	94%	3%	3%	69%	25%	6%
DE*	pre	N	20	1	0	16	2	3	20	0	1	12	2	7
		N %	95%	5%	0%	76%	10%	14%	95%	0%	5%	57%	10%	33%
	post	N	19	2	0	12	7	2	18	1	2	11	3	7
		N %	90%	10%	0%	57%	33%	10%	86%	5%	10%	52%	14%	33%
Total	pre	N	306	34	23	236	99	26	326	19	20	252	71	42
		N %	84%	9%	6%	65%	27%	7%	89%	5%	5%	69%	19%	12%
	post	N	309	29	25	243	86	29	326	17	21	259	66	37
		N %	85%	8%	7%	68%	24%	8%	90%	5%	6%	72%	18%	10%

Internet Advantages of internet use			D45 Using the Internet in school lessons is the best preparation of students for the demands of study and work.			D50 Internet-supported teaching strengthens coordinated thinking.			D54 Knowledge acquired in Internet-supported lessons is retained longer by the students.			D43 Sharing ideas with other students via the Internet is fascinating.		
			agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree
Internet Vorteile der Internnutzung			D45 Die Internetnutzung im Schulunterricht bereitet die Schüler für die Anforderungen im Studium und Beruf optimal vor.			D50 Internetgestützter Unterricht stärkt das kombinatorische Denken.			D54 Die im internetunterstützten Unterricht erworbenen Kenntnisse bleiben bei den Schülern länger haften.			D43 Ich finde den Gedankenaustausch mit anderen Schülern/innen via Internet faszinierend.		
			stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu
BG	pre	N	12	2	4	10	6	1	12	1	5	17	0	1
		N %	67%	11%	22%	59%	35%	6%	67%	6%	28%	94%	0%	6%
	post	N	13	2	3	13	5	0	11	4	3	17	1	0
		N %	72%	11%	17%	72%	28%	0%	61%	22%	17%	94%	6%	0%
CY	pre	N	2	4	9	4	6	5	3	5	7	8	4	3
		N %	13%	27%	60%	27%	40%	33%	20%	33%	47%	53%	27%	20%
	post	N	5	3	7	1	5	9	2	6	6	6	7	2
		N %	33%	20%	47%	7%	33%	60%	14%	43%	43%	40%	47%	13%
DE	pre	N	74	30	13	45	53	18	37	51	29	61	30	26
		N %	63%	26%	11%	39%	46%	16%	32%	44%	25%	52%	26%	22%
	post	N	62	37	16	55	50	9	37	45	33	62	34	20
		N %	54%	32%	14%	48%	44%	8%	32%	39%	29%	53%	29%	17%
ES	pre	N	37	6	7	36	9	5	20	19	11	49	1	0
		N %	74%	12%	14%	72%	18%	10%	40%	38%	22%	98%	2%	0%
	post	N	35	11	4	33	12	3	23	15	12	44	3	3
		N %	70%	22%	8%	69%	25%	6%	46%	30%	24%	88%	6%	6%
GR	pre	N	15	3	1	17	2	0	7	4	8	15	3	1
		N %	79%	16%	5%	89%	11%	0%	37%	21%	42%	79%	16%	5%
	post	N	15	2	2	11	3	5	12	5	2	18	0	1
		N %	79%	11%	11%	58%	16%	26%	63%	26%	11%	95%	0%	5%
HU	pre	N	13	10	7	12	17	1	6	9	15	22	5	3
		N %	43%	33%	23%	40%	57%	3%	20%	30%	50%	73%	17%	10%
	post	N	16	7	7	20	10	0	8	12	10	26	3	1
		N %	53%	23%	23%	67%	33%	0%	27%	40%	33%	87%	10%	3%
IT	pre	N	19	4	0	8	14	1	14	7	2	16	3	3
		N %	83%	17%	0%	35%	61%	4%	61%	30%	9%	73%	14%	14%
	post	N	21	1	0	10	9	3	14	4	3	21	0	1
		N %	95%	5%	0%	45%	41%	14%	67%	19%	14%	95%	0%	5%
NL	pre	N	13	2	2	10	3	4	10	5	2	10	3	4
		N %	76%	12%	12%	59%	18%	24%	59%	29%	12%	59%	18%	24%
	post	N	6	4	7	6	5	6	6	5	6	8	5	4
		N %	35%	24%	41%	35%	29%	35%	35%	29%	35%	47%	29%	24%
PL	pre	N	18	1	4	13	4	6	7	6	10	16	1	6
		N %	78%	4%	17%	57%	17%	26%	30%	26%	43%	70%	4%	26%
	post	N	17	3	3	8	9	6	9	3	11	10	1	12
		N %	74%	13%	13%	35%	39%	26%	39%	13%	48%	43%	4%	52%
CZ*	pre	N	20	9	3	17	11	4	8	16	8	15	8	9
		N %	63%	28%	9%	53%	34%	13%	25%	50%	25%	47%	25%	28%
	post	N	15	11	6	23	9	0	11	15	6	16	9	7
		N %	47%	34%	19%	72%	28%	0%	34%	47%	19%	50%	28%	22%
DE*	pre	N	10	3	8	6	10	4	4	8	9	13	5	3
		N %	48%	14%	38%	30%	50%	20%	19%	38%	43%	62%	24%	14%
	post	N	10	7	4	12	6	3	8	3	10	11	5	5
		N %	48%	33%	19%	57%	29%	14%	38%	14%	48%	52%	24%	24%
Total	pre	N	233	74	58	178	135	49	128	131	106	242	63	59
		N %	64%	20%	16%	49%	37%	14%	35%	36%	29%	66%	17%	16%
	post	N	215	88	59	192	123	44	141	117	102	239	68	56
		N %	59%	24%	16%	53%	34%	12%	39%	33%	28%	66%	19%	15%

Internet Disadvantages of internet use			D38 Using the Internet in class is killing face to face communication.			D40 Taking information from the Internet is causing students to lose their critical skills.			D46 Many students are distracted from learning aims by the Internet.			D48 I find using the Internet in teaching much too time-consuming in relation to what actually comes out of it.		
			agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree
Internet Nachteile der Internetnutzung			D38 Der Internetinsatz im Schulunterricht lässt die zwischenmenschliche Kommunikation verkümmern.			D40 Das Internet macht die Schüler/ innen zu kritiklosen Informationskonsumenten.			D46 Viele Schüler/innen werden durch das Internet vom zielgerichteten Lernen abgehalten.			D48 Ich finde Internetnutzung im Unterricht viel zu zeitaufwendig im Verhältnis zu dem, was dabei herauskommt.		
			stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu
BG	pre	N	6	3	9	9	7	2	11	2	5	6	2	10
		N %	33%	17%	50%	50%	39%	11%	61%	11%	28%	33%	11%	56%
	post	N	6	3	9	8	4	6	10	4	4	3	4	11
		N %	33%	17%	50%	44%	22%	33%	56%	22%	22%	17%	22%	61%
CY	pre	N	12	2	1	10	1	4	11	0	4	1	9	5
		N %	80%	13%	7%	67%	7%	27%	73%	0%	27%	7%	60%	33%
	post	N	12	1	2	10	3	2	9	5	1	9	4	1
		N %	80%	7%	13%	67%	20%	13%	60%	33%	7%	64%	29%	7%
DE	pre	N	29	44	44	16	39	61	41	31	45	28	28	60
		N %	25%	38%	38%	14%	34%	53%	35%	26%	38%	24%	24%	52%
	post	N	29	32	55	31	32	53	37	27	50	32	21	62
		N %	25%	28%	47%	27%	28%	46%	32%	24%	44%	28%	18%	54%
ES	pre	N	16	13	21	7	22	21	15	22	13	8	14	28
		N %	32%	26%	42%	14%	44%	42%	30%	44%	26%	16%	28%	56%
	post	N	22	13	14	9	23	17	22	17	11	15	14	21
		N %	45%	27%	29%	18%	47%	35%	44%	34%	22%	30%	28%	42%
GR	pre	N	7	0	12	6	2	11	2	4	13	3	5	11
		N %	37%	0%	63%	32%	11%	58%	11%	21%	68%	16%	26%	58%
	post	N	12	2	5	9	2	8	6	2	10	7	3	9
		N %	63%	11%	26%	47%	11%	42%	33%	11%	56%	37%	16%	47%
HU	pre	N	13	5	12	8	11	11	13	10	7	7	8	15
		N %	43%	17%	40%	27%	37%	37%	43%	33%	23%	23%	27%	50%
	post	N	12	4	14	14	5	11	11	10	9	6	4	20
		N %	40%	13%	47%	47%	17%	37%	37%	33%	30%	20%	13%	67%
IT	pre	N	7	9	7	10	9	4	4	5	14	5	7	11
		N %	30%	39%	30%	43%	39%	17%	17%	22%	61%	22%	30%	48%
	post	N	8	3	10	11	6	4	5	4	13	8	1	13
		N %	38%	14%	48%	52%	29%	19%	23%	18%	59%	36%	5%	59%
NL	pre	N	5	6	6	3	6	8	9	5	3	5	5	7
		N %	29%	35%	35%	18%	35%	47%	53%	29%	18%	29%	29%	41%
	post	N	2	6	9	0	7	10	7	3	7	5	3	9
		N %	12%	35%	53%	0%	41%	59%	41%	18%	41%	29%	18%	53%
PL	pre	N	4	4	15	7	6	10	17	2	4	8	4	11
		N %	17%	17%	65%	30%	26%	43%	74%	9%	17%	35%	17%	48%
	post	N	6	5	12	6	9	8	16	4	3	5	3	15
		N %	26%	22%	52%	26%	39%	35%	70%	17%	13%	22%	13%	65%
CZ*	pre	N	15	8	9	9	14	9	21	4	7	6	7	19
		N %	47%	25%	28%	28%	44%	28%	66%	13%	22%	19%	22%	59%
	post	N	11	7	14	5	14	13	17	8	7	5	5	21
		N %	34%	22%	44%	16%	44%	41%	53%	25%	22%	16%	16%	68%
DE*	pre	N	3	6	12	2	4	15	11	4	6	6	3	12
		N %	14%	29%	57%	10%	19%	71%	52%	19%	29%	29%	14%	57%
	post	N	9	2	10	2	3	16	8	1	12	10	4	7
		N %	43%	10%	48%	10%	14%	76%	38%	5%	57%	48%	19%	33%
Total	pre	N	117	100	148	87	121	156	155	89	121	83	92	189
		N %	32%	27%	41%	24%	33%	43%	42%	24%	33%	23%	25%	52%
	post	N	129	78	154	105	108	148	148	85	127	105	66	189
		N %	36%	22%	43%	29%	30%	41%	41%	24%	35%	29%	18%	53%

Internet Disadvantages of internet use			D52 Internet-supported teaching makes evaluation of work considerably more difficult.			D57 Internet-supported teaching in any case demands additional qualities in the teachers.			D34 You have to invest a lot of time before you can use the Internet effectively.			D56 Internet-supported teaching requires a large number of precise working instructions.		
			agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree	agree	do not know	dis-agree
Internet Nachteile der Internet-nutzung			D52 Internetunterstützter Unterricht erschwert die Notengebung erheblich.			D57 Auf jeden Fall fordert internetunterstützter Unterricht zusätzlich Qualitäten bei den Lehrern/innen.			D34 Ohne eine lange Einübungszeit kann man das Internet nicht nutzen.			D56 Der internetunterstützte Unterricht benötigt viele genaue Arbeitsanleitungen.		
			stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu	stimme zu	weiss nicht	stimme nicht zu
BG	pre	N	4	5	9	12	4	2	2	5	11	11	3	4
		N %	22%	28%	50%	67%	22%	11%	11%	28%	61%	61%	17%	22%
	post	N	2	2	14	13	1	4	7	4	7	9	4	5
		N %	11%	11%	78%	72%	6%	22%	39%	22%	39%	50%	22%	28%
CY	pre	N	9	3	3	8	6	1	6	1	8	2	8	5
		N %	60%	20%	20%	53%	40%	7%	40%	7%	53%	13%	53%	33%
	post	N	11	3	1	9	5	1	3	3	8	8	5	2
		N %	73%	20%	7%	60%	33%	7%	21%	21%	57%	53%	33%	13%
DE	pre	N	43	41	31	71	41	5	9	9	99	43	22	52
		N %	37%	36%	27%	61%	35%	4%	8%	8%	85%	37%	19%	44%
	post	N	47	38	30	70	34	11	11	9	97	29	29	57
		N %	41%	33%	26%	61%	30%	10%	9%	8%	83%	25%	25%	50%
ES	pre	N	8	10	32	32	14	4	2	5	43	18	23	9
		N %	16%	20%	64%	64%	28%	8%	4%	10%	86%	36%	46%	18%
	post	N	11	16	23	35	10	5	5	3	42	20	20	10
		N %	22%	32%	46%	70%	20%	10%	10%	6%	84%	40%	40%	20%
GR	pre	N	7	5	7	14	3	2	5	1	13	10	4	5
		N %	37%	26%	37%	74%	16%	11%	26%	5%	68%	53%	21%	26%
	post	N	13	1	5	15	1	3	4	0	15	6	2	11
		N %	68%	5%	26%	79%	5%	16%	21%	0%	79%	32%	11%	58%
HU	pre	N	11	10	9	17	8	5	6	7	17	8	12	10
		N %	37%	33%	30%	57%	27%	17%	20%	23%	57%	27%	40%	33%
	post	N	13	7	10	16	6	8	10	1	19	5	4	21
		N %	43%	23%	33%	53%	20%	27%	33%	3%	63%	17%	13%	70%
IT	pre	N	8	9	6	9	9	5	3	3	17	8	11	4
		N %	35%	39%	26%	39%	39%	22%	13%	13%	74%	35%	48%	17%
	post	N	5	10	7	12	8	1	3	1	18	11	5	5
		N %	23%	45%	32%	57%	38%	5%	14%	5%	82%	52%	24%	24%
NL	pre	N	6	8	3	14	2	1	5	2	10	15	2	0
		N %	35%	47%	18%	82%	12%	6%	29%	12%	59%	88%	12%	0%
	post	N	2	9	6	14	2	1	3	1	13	15	2	0
		N %	12%	53%	35%	82%	12%	6%	18%	6%	76%	88%	12%	0%
PL	pre	N	8	8	7	13	2	8	3	1	19	5	7	11
		N %	35%	35%	30%	57%	9%	35%	13%	4%	83%	22%	30%	48%
	post	N	6	9	8	14	0	9	4	2	16	5	5	13
		N %	26%	39%	35%	61%	0%	39%	18%	9%	73%	22%	22%	57%
CZ*	pre	N	14	11	7	17	8	7	1	3	28	7	7	18
		N %	44%	34%	22%	53%	25%	22%	3%	9%	88%	22%	22%	56%
	post	N	11	12	9	17	11	4	1	2	29	3	6	22
		N %	34%	38%	28%	53%	34%	13%	3%	6%	91%	10%	19%	71%
DE*	pre	N	11	7	3	16	2	3	5	2	14	13	3	5
		N %	52%	33%	14%	76%	10%	14%	24%	10%	67%	62%	14%	24%
	post	N	15	3	3	17	2	2	1	2	18	8	4	9
		N %	71%	14%	14%	81%	10%	10%	5%	10%	86%	38%	19%	43%
Total	pre	N	129	117	117	223	99	43	47	39	279	140	102	123
		N %	36%	32%	32%	61%	27%	12%	13%	11%	76%	38%	28%	34%
	post	N	136	110	116	232	80	49	52	28	282	119	86	155
		N %	38%	30%	32%	64%	22%	14%	14%	8%	78%	33%	24%	43%

Chapter D Teaching methods Use of Computers and Internet Basic data

Kapitel D Unterrichtsmethoden Nutzung von Computern und Internet Basisdaten

Computer and Internet			D61 I have my own computer at home		D62 I have easy access to a computer at school		D63 I use the computer at home				D64 I use a computer at school				D65 Have you been able to gain experience in using the Internet before?				
			yes	no	yes	no	often	occasionally	seldom	never	often	occasionally	seldom	never	a very great deal	a lot	to some extent	very little	none
Computer und Internet			D61 Ich habe selbst einen Computer in meiner Wohnung		D62 Ich habe leichten Zugang zu einem Computer in der Schule		D63 Ich benutze den Computer in meiner Wohnung				D64 Ich benutze einen Computer in der Schule				D65 Haben Sie im Umgang mit dem Internet bereits Erfahrung sammeln können?				
			ja	nein	ja	nein	häufig	gelegentlich	selten	nie	häufig	gelegentlich	selten	nie	sehr viel	viel	etwas	ganz wenig	keine
BG	pre	N	14	4	1	17	10	4	0	4	1	6	8	3	0	7	4	6	1
		%	78%	22%	6%	94%	56%	22%	0%	22%	6%	33%	44%	17%	0%	39%	22%	33%	6%
BG	post	N	14	4	5	13	9	4	1	3	2	6	10	0	1	7	7	3	0
		%	78%	22%	28%	72%	53%	24%	6%	18%	11%	33%	56%	0%	6%	39%	39%	17%	0%
CY	pre	N	15	0	15	0	13	1	1	0	1	5	9	0	5	6	3	0	1
		%	100%	0%	100%	0%	87%	7%	7%	0%	7%	33%	60%	0%	33%	40%	20%	0%	7%
CY	post	N	14	1	15	0	14	1	0	0	5	2	7	1	10	4	1	0	0
		%	93%	7%	100%	0%	93%	7%	0%	0%	33%	13%	47%	7%	67%	27%	7%	0%	0%
DE	pre	N	112	4	75	41	76	34	5	1	9	60	37	10	52	48	16	0	0
		%	97%	3%	65%	35%	66%	29%	4%	1%	8%	52%	32%	9%	45%	41%	14%	0%	0%
DE	post	N	113	2	84	30	81	29	4	0	15	68	27	5	60	48	6	1	0
		%	98%	2%	74%	26%	71%	25%	4%	0%	13%	59%	23%	4%	52%	42%	5%	1%	0%
ES	pre	N	44	6	19	31	23	17	6	4	8	16	24	2	7	22	19	2	0
		%	88%	12%	38%	62%	46%	34%	12%	8%	16%	32%	48%	4%	14%	44%	38%	4%	0%
ES	post	N	46	4	14	36	29	18	1	2	9	10	25	6	3	28	19	0	0
		%	92%	8%	28%	72%	58%	36%	2%	4%	18%	20%	50%	12%	6%	56%	38%	0%	0%
GR	pre	N	19	0	11	8	12	7	0	0	0	4	13	2	5	10	4	0	0
		%	100%	0%	58%	42%	63%	37%	0%	0%	0%	21%	68%	11%	26%	53%	21%	0%	0%
GR	post	N	18	1	17	2	15	3	0	1	2	6	11	0	5	11	2	1	0
		%	95%	5%	89%	11%	79%	16%	0%	5%	11%	32%	58%	0%	26%	58%	11%	5%	0%
HU	pre	N	30	0	28	2	9	16	5	0	4	15	11	0	2	7	16	5	0
		%	100%	0%	93%	7%	30%	53%	17%	0%	13%	50%	37%	0%	7%	23%	53%	17%	0%
HU	post	N	29	1	28	2	14	15	0	0	8	15	7	0	1	9	19	1	0
		%	97%	3%	93%	7%	48%	52%	0%	0%	27%	50%	23%	0%	3%	30%	63%	3%	0%
IT	pre	N	19	4	10	13	8	6	6	3	1	7	10	5	2	5	15	1	0
		%	83%	17%	43%	57%	35%	26%	26%	13%	4%	30%	43%	22%	9%	22%	65%	4%	0%
IT	post	N	19	3	15	6	8	8	3	3	2	13	5	1	1	11	7	2	1
		%	86%	14%	71%	29%	36%	36%	14%	14%	10%	62%	24%	5%	5%	50%	32%	9%	5%
NL	pre	N	15	1	11	5	15	1	0	0	2	7	5	1	9	5	1	0	0
		%	94%	6%	69%	31%	94%	6%	0%	0%	13%	47%	33%	7%	60%	33%	7%	0%	0%
NL	post	N	17	0	9	8	14	2	1	0	2	6	8	1	3	11	2	0	0
		%	100%	0%	53%	47%	82%	12%	6%	0%	12%	35%	47%	6%	19%	69%	13%	0%	0%
PL	pre	N	23	0	11	12	21	2	0	0	1	4	10	8	6	8	9	0	0
		%	100%	0%	48%	52%	91%	9%	0%	0%	4%	17%	43%	35%	26%	35%	39%	0%	0%
PL	post	N	23	0	12	11	22	0	1	0	1	2	14	6	6	11	6	0	0
		%	100%	0%	52%	48%	96%	0%	4%	0%	4%	9%	61%	26%	26%	48%	26%	0%	0%
CZ*	pre	N	28	3	23	8	20	8	0	3	5	9	16	1	3	19	7	1	1
		%	90%	10%	74%	26%	65%	26%	0%	10%	16%	29%	52%	3%	10%	61%	23%	3%	3%
CZ*	post	N	30	2	28	4	21	9	0	2	2	7	23	0	9	18	4	1	0
		%	94%	6%	88%	13%	66%	28%	0%	6%	6%	22%	72%	0%	28%	56%	13%	3%	0%
DE*	pre	N	20	1	11	10	16	3	1	1	0	2	12	7	8	8	4	1	0
		%	95%	5%	52%	48%	76%	14%	5%	5%	0%	10%	57%	33%	38%	38%	19%	5%	0%
DE*	post	N	20	1	13	8	15	4	1	1	0	4	16	1	8	8	5	0	0
		%	95%	5%	62%	38%	71%	19%	5%	5%	0%	19%	76%	5%	38%	38%	24%	0%	0%
Total	pre	N	339	23	215	147	223	99	24	16	32	135	155	39	99	145	98	16	3
		%	94%	6%	59%	41%	62%	27%	7%	4%	9%	37%	43%	11%	27%	40%	27%	4%	1%
Total	post	N	343	19	240	120	242	93	12	12	48	139	153	21	107	166	78	9	1
		%	95%	5%	67%	33%	67%	26%	3%	3%	13%	39%	42%	6%	30%	46%	22%	2%	0%

Chapter D Teaching methods **Traditional teaching**

Kapitel D Unterrichtsmethoden **Frontalunterricht**

If the statement (see column) is particularly true in the light of your teaching experience, you can tick up to **three** times according to your measure of agreement.

Trifft die Behauptung (s. Spalte) auf Ihre Unterrichtserfahrung besonders zu, dann können Sie je nach Zustimmung bis zu **drei** Kreuze maximal setzen.

Advantages of lessons with the teacher standing in front of the class.			D15 The teacher can check learning progress continually by his own questions and by the students' answers.	D16 The teaching contents are presented in a structural form.	D11 The choice of content of individual lessons by the teacher has clearer aims.	D12 The content of each lesson is relatively large.	D13 Concepts can be illustrated quickly for all students by the teacher.	D14 The level of knowledge at the end of the lesson is the same for all students.	Sum of mean (D11-D16) 18 would be the maximum	Difference between pre- and posttest
Vorteile des Frontalunterrichts			D15 Der Lehrer hat durch seine Fragen und durch die Antworten der Schüler eine ständige Kontrolle über deren Lernfortschritt.	D16 Die Unterrichtsinhalte werden strukturiert vermittelt.	D11 Die Auswahl der Inhalte einzelner Stunden durch den Lehrer/in ist zielorientierter.	D12 Pro Stunde lassen sich relativ viele Inhalte vermitteln.	D13 Begriffe können durch den Lehrer/in schnell für alle Schüler erläutert werden.	D14 Der Wissensstand ist am Ende des Unterrichts für alle Schüler/innen gleich.	Summe der Mittelwerte (D11-D16) Das Maximum wäre 18	Differenz zwischen Pre- und Posttest
*Mean = Mittelwert			Maximum = 3	Maximum = 3	Maximum = 3	Maximum = 3	Maximum = 3	Maximum = 3		
BG	pre	Mean*	1.7	1.3	1.4	1.2	1.4	.7	7.7	+0,1
	post	Mean	1.5	1.5	1.4	1.9	.9	.6	7.8	
CY	pre	Mean	2.3	1.5	1.1	.9	1.3	.7	7.8	+1,9
	post	Mean	2.3	1.4	1.6	1.3	1.9	1.3	9.7	
DE	pre	Mean	1.4	1.3	1.2	1.2	1.5	.8	7.4	+0,7
	post	Mean	1.3	1.5	1.4	1.4	1.5	.8	8.1	
ES	pre	Mean	1.4	1.4	1.4	1.5	1.0	.4	7.2	+0,5
	post	Mean	1.8	1.7	1.5	1.4	.8	.5	7.7	
GR	pre	Mean	1.9	1.9	1.5	1.5	1.1	.3	8.3	+0,5
	post	Mean	1.8	1.6	1.5	1.6	1.5	.7	8.8	
HU	pre	Mean	1.9	1.8	1.1	.8	1.1	.7	7.3	+0,3
	post	Mean	2.1	1.7	1.1	.9	1.2	.6	7.6	
IT	pre	Mean	2.2	1.2	1.4	2.0	1.6	1.2	9.6	-0,4
	post	Mean	2.0	1.4	1.4	1.5	1.9	.9	9.2	
NL	pre	Mean	1.6	1.6	1.3	2.1	1.8	.5	8.9	+1,0
	post	Mean	2.5	2.0	1.9	2.2	1.4	.1	9.9	
PL	pre	Mean	1.9	1.7	1.3	1.8	1.9	1.4	10.0	-0,6
	post	Mean	1.7	1.7	1.6	1.8	1.4	1.2	9.4	
Sub-total Zwischens.	pre	Mean	1.7	1.5	1.3	1.4	1.4	.7	7.9	+0,5
	post	Mean	1.7	1.6	1.5	1.5	1.4	.7	8.4	
CZ*	pre	Mean	1.6	1.1	1.8	1.2	1.6	.5	7.8	+1,0
	post	Mean	1.9	1.3	1.8	1.5	1.8	.5	8.8	
DE*	pre	Mean	1.0	1.5	1.5	1.4	1.9	.3	7.5	+0,2
	post	Mean	1.0	1.5	1.6	1.4	1.8	.3	7.7	
Total	pre	Mean	1.6	1.4	1.4	1.3	1.4	.7	7.8	+0,6
	post	Mean	1.7	1.6	1.5	1.5	1.4	.7	8.4	

Chapter D Teaching methods

Group teaching

Kapitel D Unterrichtsmethoden

Gruppenunterricht

If the statement (see column) is particularly true in the light of your teaching experience, you can tick up to **three** times according to your measure of agreement.

Trifft die Behauptung (s. Spalte) auf Ihre Unterrichtserfahrung besonders zu, dann können Sie je nach Zustimmung bis zu **drei** Kreuze maximal setzen.

Advantages of group teaching			D24 Group teaching encourages the ability to organize and work in a team.	D23 Group teaching is fun, because students can help one another.	D25 Group teaching promotes interaction and communication.	D21 Group teaching promotes mental agility; students arrive at their own observations and conclusions.	D26 Knowledge acquired through group work is remembered longer.	D22 Group teaching respects the learning rhythms of individual students.	Sum of mean (D21-D26) 18 would be the maximum	Difference between pre- and posttest
Vorteile des Gruppenunterrichts			D24 Der Gruppenunterricht fördert die Organisations- und Teamfähigkeit.	D23 Der Gruppenunterricht macht Spaß, weil sich Schüler gegenseitig helfen können.	D25 Der Gruppenunterricht fördert die Interaktion und Kommunikation.	D21 Der Gruppenunterricht fördert die geistige Beweglichkeit. Schüler gelangen zu eigenen Beobachtungen und Schlussfolgerungen.	D26 Die im Gruppenunterricht selbst erworbenen Kenntnisse bleiben länger haften.	D22 Der Gruppenunterricht nimmt Rücksicht auf das Lerntempo einzelner Schüler.	Summe der Mittelwerte (D21-D26) Das Maximum wäre 18	Differenz zwischen Pre- und Posttest
*Mean = Mittelwert			Maximum =3	Maximum =3	Maximum =3	Maximum =3	Maximum =3	Maximum =3		
BG	pre	Mean *	2,1	2,2	1,8	1,6	1,7	,7	10.1	+1,3
	post	Mean	2,3	2,6	1,5	1,9	1,9	1,1	11.4	
CY	pre	Mean	2,3	2,4	2,5	1,8	1,7	1,1	11.9	-0,4
	post	Mean	2,1	1,9	2,5	1,8	1,7	1,4	11.5	
DE	pre	Mean	2,4	2,0	2,0	1,8	1,6	1,1	10.9	+0,8
	post	Mean	2,4	2,2	2,1	2,0	1,8	1,2	11.7	
ES	pre	Mean	2,1	2,5	2,0	1,6	1,3	,9	10.3	+0,7
	post	Mean	2,2	2,2	2,0	1,9	1,6	1,1	11.0	
GR	pre	Mean	2,6	2,3	2,3	2,2	1,8	1,1	12.3	+0,2
	post	Mean	2,3	2,3	2,5	2,3	1,9	1,3	12.5	
HU	pre	Mean	2,3	1,9	2,1	2,0	,9	,9	10.0	+1,8
	post	Mean	2,5	2,4	2,2	2,1	1,4	1,3	11.8	
IT	pre	Mean	2,3	2,1	2,0	1,9	1,5	1,0	10.8	+0,6
	post	Mean	2,4	2,2	1,9	1,6	2,0	1,3	11.4	
NL	pre	Mean	1,7	2,5	2,5	1,4	,8	1,8	10.8	+1,9
	post	Mean	2,7	2,6	2,8	2,2	,5	1,8	12.7	
PL	pre	Mean	2,3	2,2	2,1	2,1	2,0	1,6	12.3	+ -0,0
	post	Mean	2,1	2,3	2,4	2,0	2,0	1,4	12.3	
Sub-total Zwischens	pre	Mean	2,3	2,2	2,1	1,8	1,5	1,1	10.9	+0,8
	post	Mean	2,4	2,3	2,2	2,0	1,7	1,3	11.7	
CZ*	pre	Mean	2,3	2,0	2,2	1,9	1,8	1,6	11.9	+0,1
	post	Mean	2,5	1,9	2,4	1,9	1,9	1,3	12.0	
DE*	pre	Mean	1,7	1,4	1,7	1,6	1,3	1,0	8.8	+0,9
	post	Mean	2,2	1,5	1,9	1,6	1,5	1,1	9.7	
Total	pre	Mean	2,2	2,1	2,1	1,8	1,5	1,1	10.9	+0,7
	post	Mean	2,4	2,2	2,2	1,9	1,7	1,3	11.6	