















CABL OSSIETZAY UNIVERSITÄT OLDENBURG	Center for Open Education Research
Case Study – Flipped Learning in K-12	
Stage 3 Data Collection (May 2018 – collection ongoing at pr	esent):
• Follow up semi-structured interviews with teachers (n = 7)	
 A Likert scale and open-ended question questionnaire for p 	oarents (<i>n</i> = 13)
Semi-structured interviews with parents	
• Focus groups with students (n = 7)	
Classroom observations Vear 7 Mathe and Creative Arts	
 Year 9 Maths and Music 	
 Vear 11 Music 	
 Year 12 Chemistry, Physics and PF 	
 Network Learning Group meeting observations (n = 2) 	
 Stage 4 Data Collection (November or December 2018) Questionnaire for students, parents and teachers involved Final semi-structured interviews with teachers 	







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Parent Per	ceptior	าร		
<i>n</i> = 13	<i>n</i> = 13			
• 61.54%	with cl	nildren in Year 7		
• 38.46%	in Year	· 12		
30.40% in real 12				
	Usef	ful Tools and Services for School	Use	
	Rank 1	Search engines	4.85	
	Rank 2	Email (e.g. Hotmail)	4.69	
	Rank 3	School email	4.15	
	Rank 4	Videos (e.g. on YouTube)	4.08	
	Rank 5	Music (e.g. iTunes)	3.69	
	Rank 16	Blogs	2.33	
	Rank 17	Microblogging (e.g. Twitter)	1.54	
				13

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Parent FImpoChild resul	Perceptions ortant for their children to use online to ren not necessarily more motivated to t (3.58)	ols (4.67) learn as a
	Perceptions of flipped learning	
Rank 1	Flipped learning helps through rewatching content	4.00
Rank 2	Helps when students are absent	3.92
Rank 3	Discussions with teachers centre more on learning	3.33
Rank 4	Students have a greater sense of responsibility	3.31
Rank 5	Assignments and academic performance have improved	3.31
Rank 6	Students more engaged	3.23
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Student Pe <i>n</i> = 21	erceptio	ons		
• 61.90%	in Year	r 7		
• 38.10%	in Yea	r 12		
	Use	ful Tools and Services for School	Use	
	Rank 1	School email	4.67	
	Rank 2	Search engines	4.43	
	Rank 3	Videos (e.g. on YouTube)	3.76	
	Rank 4	Email (e.g. Hotmail)	3.45	
	Rank 5	Presentation sharing	3.00	
	Rank 15	Blogs	1.14	
	Rank 17	Microblogging (e.g. Twitter)	1.00	
				16

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Student	Perceptions	
 Conf Offic 	ident doing online research (4.57) and e programs (4.52)	using MS
 High learn 	expectations for learning (4.38) and m (4.24)	otivated to
	Perceptions of flipped learning	
Rank 1	Flipped learning helps through rewatching content	4.20
Rank 2	Helps when students are absent	3.75
Rank 3	Allows for more active learning	3.70
Rank 4	Gives them a greater sense of responsibility	3.70
Rank 5	More time for learning content	3.65
Rank 6	Increased interaction with teachers	3.40
Rank 7	Feel more engaged	3.35



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Student	t Perceptions – Focus Groups	
		_
	Disadvantages	
	Internet can be a serious issue	
	Waiting until the next lesson for clarification	
	Content in videos needs to be clear	
	Videos by other teachers can be confusing	
	If you're not good at self-directed learning	
	No paper copy of flipped drafting	
	Not linking the video to class content	
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Groups
ntages
Videos fits their lifestyle/style of learning
"More valuable communication"
More motivated to work in class
Time at school is more productive
More focused on work
Less likely to procrastinate
Can see teacher thought processes
Great for teacher self-reflection
Prepares students for university
More accountable for learning
Easier to follow flipped drafting
Subjects are more enjoyable















