

# The role of lesson study in the quality assurance of material production in language education

#### Claudia Mewald & Sabine Wallner



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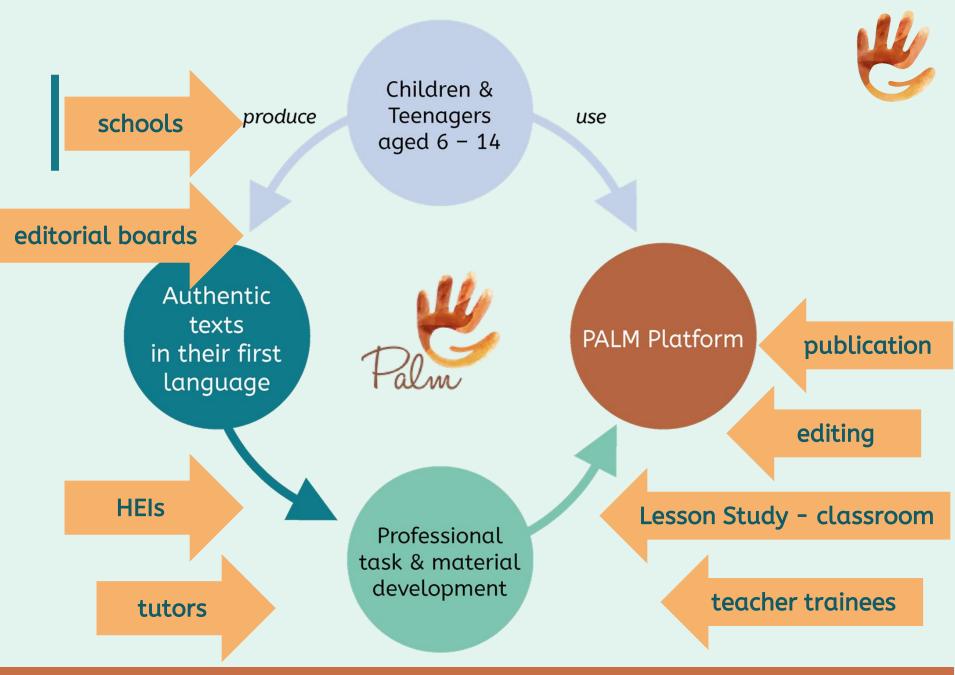


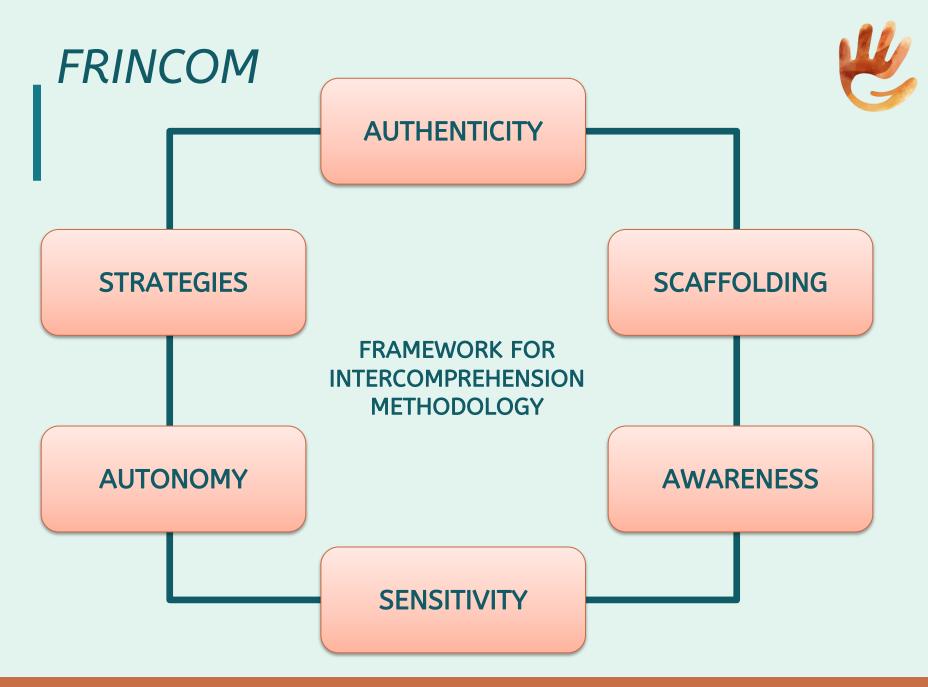






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# Authentic texts

Video: <u>https://www.youtube.com/watch?v=IDqY7c-T7tl</u> Written text: Transcript corrected:

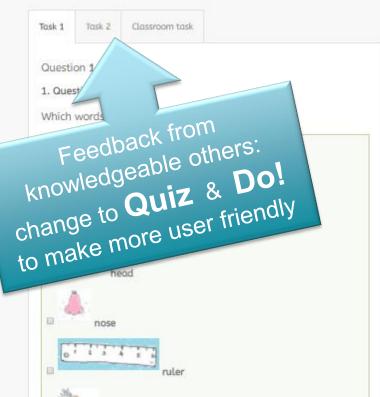


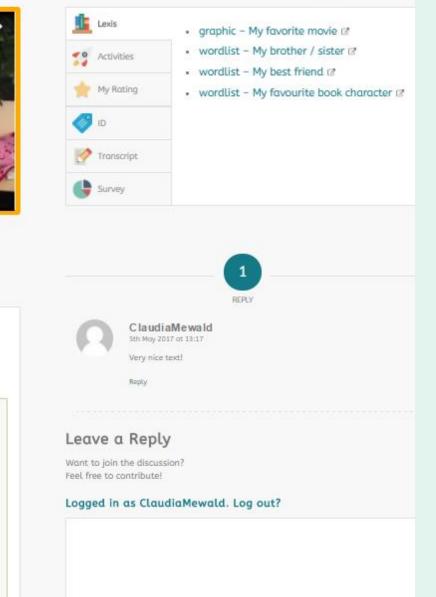
My favorite part of the play was when my part came and when the flea sneezed.

#### My favourite book "Clarice Bean"



#### 😭 🏫 🏫 🏫 4.91/5 (11)









#### Question 5 of 8

5. Question

Why does Valentina like Clarice Bean?

• Because she often does things she is not allowed to.

Because she always fights with her brothers.

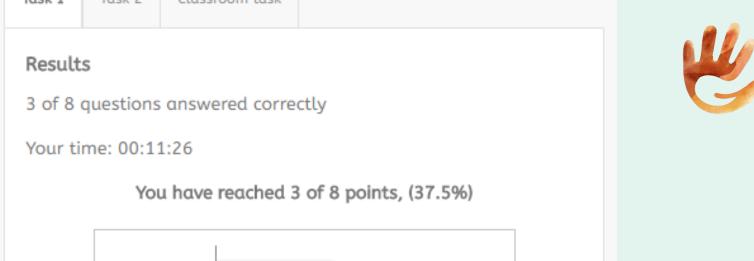
Because she looks funny.

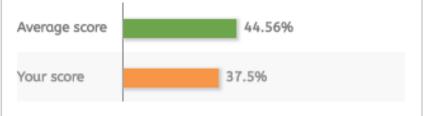
Correct

You can understand details.



Next





#### Competences

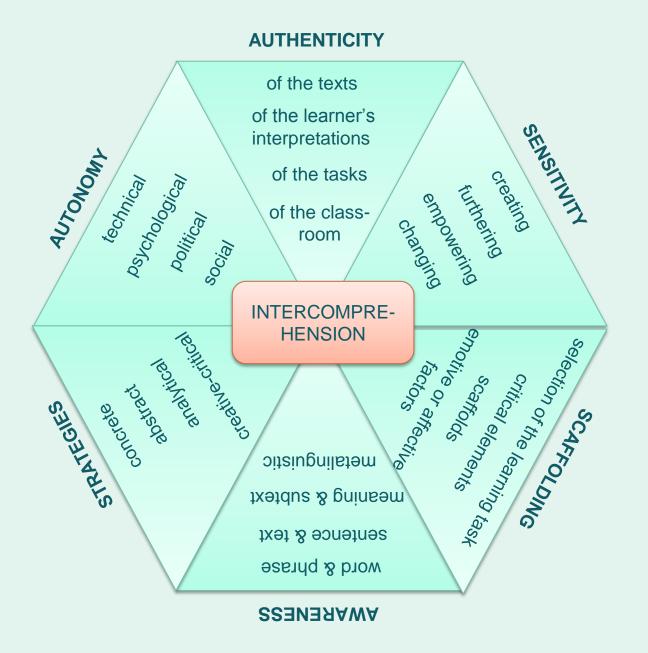
2 understanding main ideas100%3 understanding concrete information0%4 understanding information in context33.33%5 inferring information50%	1 understanding at word / phrase level	0%
4 understanding information in context	2 understanding main ideas	100%
-	3 understanding concrete information	0%
5 inferring information 50%	4 understanding information in context	33.33%
	5 inferring information	50%

#### Maybe watch the video again!

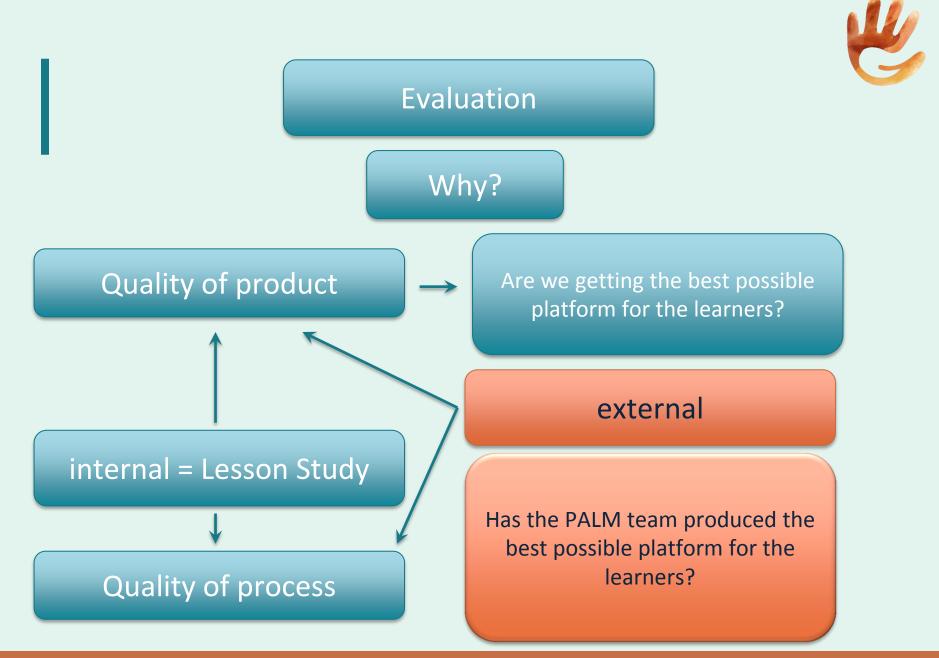
Restart quiz

Print quiz

1003	<u>u</u>	Y.
PALM4TEACHERS CLASSROOM MATERIAL	www.palm-edu.eu Palm	
Name:	Date:	
My favourite book "Clario	ce Bean" Classroom Task	
You have to share a room with another person. Draw a plan of a room to make this work. Put all the things in that you think are important when sharing a room. Show your plan to a partner and explain it.	Big room (chud O 11 4)	
	C C C	
You have to share a room with another person. V make it easier for you to get along.	Vrite down a list of rules which will	





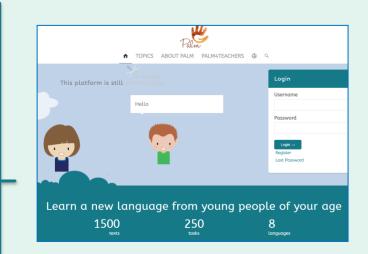


# Internal evaluation



## • Texts

- Tasks
- Assessment tool (feedback)
- Corpus based material production (lexical notebooks, gamification, CEFR level analysis)
- Materials for teacher workshops
  and Junior Symposia





# Texts Schools: PALM Boards

pupils & teacher(s)



- emotional response ( "cute" / "impressive")
- makes you curious, you want to know what will happen next
- linguistic quality
- "a good read / comprehensible"
- surprising or unusual content
- appealing visual design (drawings etc.)
- more personal than technical
- serious / edited

quality assurance 1

©BGst, Kaplan

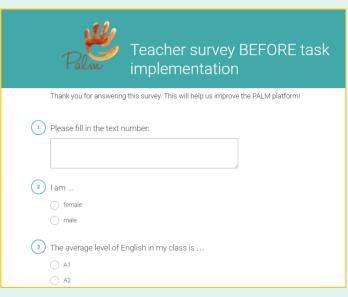
## 2. Tasks

Surveys – data generated through teachers' and pupils' responses during piloting on Survey Monkey

Each HEI will have their survey results for their language(s) on Survey Monkey and be able to provide descriptive statistics

Tasks can be adapted if needed after evaluation reports 1 and 3 in 10/2017 and 3/2018

# Evaluation

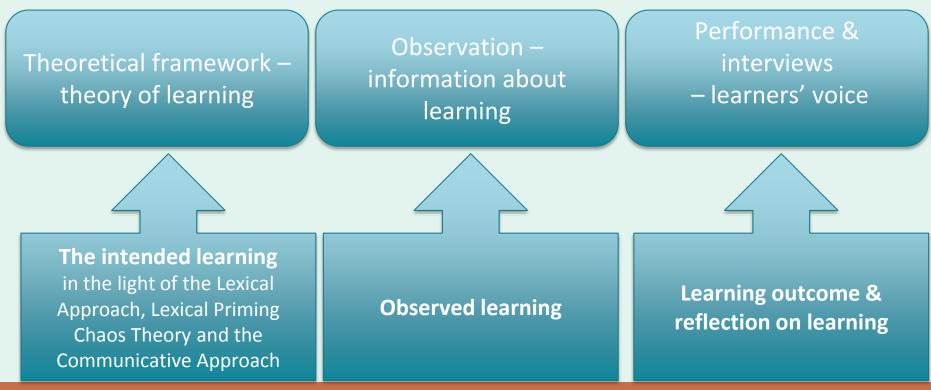


### Research question/interest

(Example for one particular learning situation)



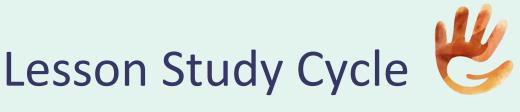
How does the implementation of the Lexical Notebook about hobbies affect the learners' developemt of lexical range visivle in their writing about their favourite freetime activity?





Project partners, teacher trainees, teachers and knowledgeable others work collaboratively on a small number of "research lessons".

These lessons are called "research" lessons because they are used to inquire about language acquisition and translanguaging and at the same time about the learning of the teacher trainees as material developers and teachers.



### 1. Research and preparation

The mentors, trainees and experts (supervisors, course tutors....) jointly plan a research lesson including PALM materials (primarily Tasks, Lexical Notebooks, Quizlets, Leanring Apps) for the research lesson.

#### 2. Implementation 1

A trainee teacher teaches the research lesson while other group members observe 3 case study pupils. Case study pupils are interviewed.

#### 3. Reflection and variation 1

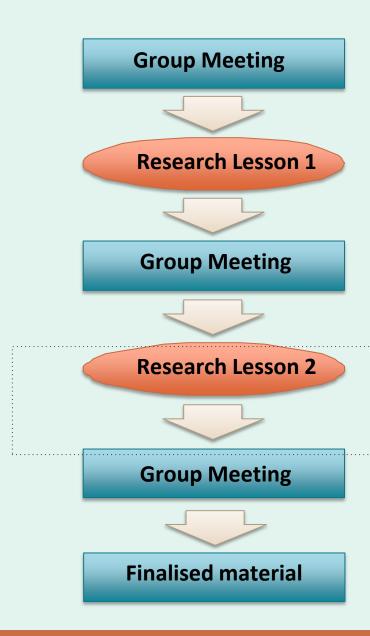
The group discusses their observations of the lesson and develop a new lesson version of the research lesson.

#### 4. Implementation 2

Another trainee teaches the research lesson while group members observe & interview.

#### 5. Reflection and variation 2

The group discusses their observations of the lesson and develop a new version of the research lesson ......etc.



**Research & Preparation** 

Partners (HEIs), trainees produce material(s)

Design

#### **Implementation 1**

partners, trainees, teachers, knowledgeable others pilot material(s)

**Reflection & Variation** partners, trainees, teachers, knowledgeable others revise material(s)

Implementation 2 partners, trainees, teachers, knowledgeable others pilot material(s)

Reflection & Variation ..... Report after the last cycle partners, trainees, teachers, knowledgeable others revise material(s) Material production completed by partners (HEIs)



### Material development: AD2 (1.2 ECTS), AWS2 (1.2 ECTS), FDU-G1 (1 ECTS)

Methodology course (AD2) Tutor 1

Transcript corrected Classroom task: Instructions & materials for a whole lesson Group discussion Applied linguistics course (ASW2) Tutors 2 & 3

Tasks 1 & 2 Item profile (and one more ASW2 specific task = not part of the LS) Course on planning teaching (FDU-G1) Tutor 2

Lexical Notebook (Lexis), Quizlet and LearningApp (Activities) Group discussion

Lesson Study in Teaching Practice Evaluation, Reflection, Planning (2.5 ECTS) - supervisors Subject matter research G1 (0.5 ECTS) - mentors

### **Backward design**

Input Text > Goals aligned with curriculum > Performance Criteria & Assessment > Material development (AD2 & FDU, 06.03.)



## Material development

Collaborative planning completed April 1<sup>st</sup> Presentation April 3<sup>rd</sup> (AD2)

### **Research lesson 1**

April 6<sup>th</sup> (27<sup>th</sup>) Observation, Interviews

### Post-lesson discussion

April 6<sup>th</sup> (27<sup>th</sup>) Group discussion (April 24<sup>th</sup> AD2)

### **Material revision**

Collaborative planning completed May 1<sup>st</sup>

### **Research lesson 2**

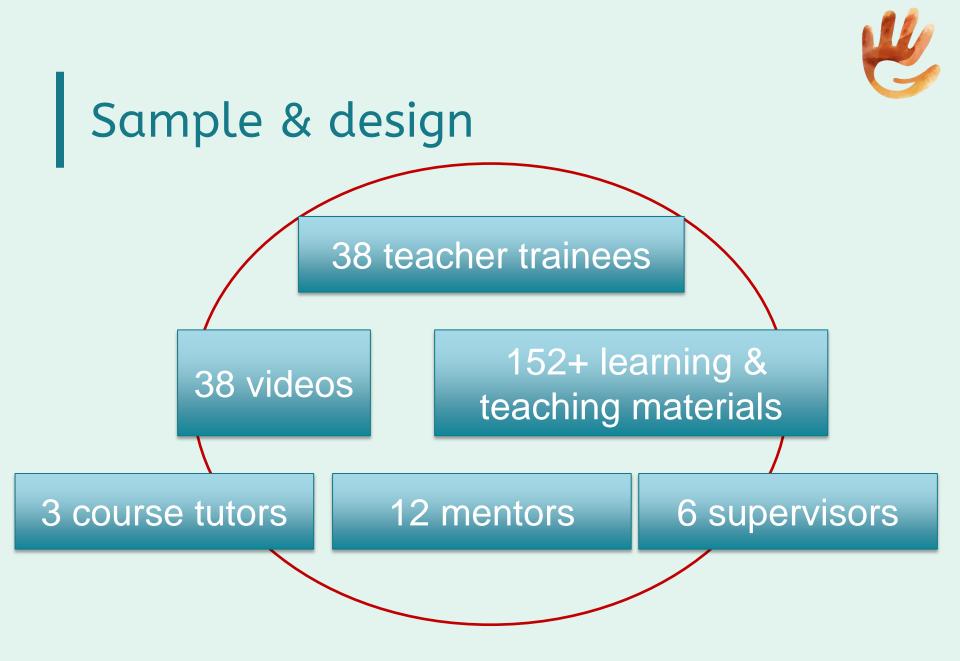
May 4<sup>th</sup> (11<sup>th</sup>) Observation, Interviews

### Post-lesson discussion

May 4<sup>th</sup> (11<sup>th</sup>) Group discussion (May 11<sup>th</sup> AD2)

### **Material finalisation**

Collaborative revision completed May 20<sup>th</sup> Presentation AD2 May 23<sup>rd</sup>





# Qualities the materials should have – criteria for evaluation

Does the material fulfil the criteria defined in the theoretical framework: FRINCOM? Is it.....?

- authentic
- sensitive to learner needs & dispositions, transcultural learning
- scaffolded
- awareness raising
- fostering strategy use
- building learner autonomy
- engaging
- accurate

Focus on the pupils and their learning

Focus on material developers



## Data collection in LS

38 teacher trainees produce and upload all materials to Google drive Teaching & learning materials, research lesson plans, observation protocols, interviews & group discussions (recordings)

course tutors provide input and feedback on Google drive mentors and supervisors provide feedback in ftf planning meetings and appraisals



# Example for feedback on strategy use

#### Video 1031

#### TASK 1

1. What is the video about?

a) food b) buildings c) supermarkets d) asking for the way/direction e) friends

Correct:asking for the way/direction (d)Competence:Overall understanding. (2)Feedback:You can give the correct topic. (7)

Claudia Mewald 12 Mar 2017

Resolve

you need to add more items. maybe some at word level (comp. 1)



Claudia Mewald 12 Mar 2017

Resolve

your distractors don't work because they are too different from the solution. please make sure they are all of the same kind but different. also, this may too specific for overall understanding.



# Example for feedback on task implementation

4. <mark>Find the</mark>	way to the stadium by using the map. Write down the directions.	Claudia Mewald 12 Mar 2017 Resolve this can only be a classroom task and should be added to TM_1031
Competence: Feedback:	providing a personal response that shows understanding (6) Thank you for your reply. (16)	Reply
1. Which of th Why?	e buildings from the map would you like to visit in your free time?	Claudia Mewald 12 Mar 2017 you would have to present the map directly here with the question.

## Observing learner performance based on competence descriptors

Identification of the material: I\_1081 / TM\_1081\_questions / TM\_1081\_interview

Objective (competence, function, skill, strategy):

Target goal: The pupils can summarise the gist of the video and answer detailed questions about it. Additionally, the pupils are able to interview each other about their favourite sport(s) and can answer the questions asked by their colleagues with little help from their written notes.

Simpler goal: The pupils understand the gist of the video and can answer general questions about it. Additionally, the pupils are able to interview each other about their favourite sport(s) and can answer the questions asked by their colleagues with help from their written notes.

More complex goal: The pupils can summarise the video in detail and answer detailed questions about it. Additionally, the pupils are able to interview each other about their favourite sport(s) and can answer the questions asked by their colleagues.

		-	
Author(s): Lukas Rauscher		Observer / observers: Schachner, Felder, Nebuda	
Instructor (s): Lukas Rauscher		Reflection (date, person, instrument): 06.04.2017	
		Persons: Schachner, Felder, Nebuda, Rauscher	
		Audio file: TM_1081_audio	
Version: #1	Date: 30.03.2017	Place: PMS-Pelzgasse	Context: 2e
	Starting co	mpetence	
General	Learner A (Elias)	Learner B (Denise)	Learner C (Lea)
The learners know some sport related	Learner A is a good English speaker	Learner B is a fair English speaker. She is	Learner C is reserved, especially
lexis and can ask questions.	and is not afraid to participate. He	participating very actively especially	during oral activities. She is able
Additionally, they are able to answer	has fair lexical range and is able to	during discussions or conversations. She	to ask questions with help of
questions about their favourite sport	ask questions accurately. His	has a fair lexical range and ask questions	written chunks and phrases. Her
with help of dictionaries. listening, speaking and reading skills		with minor mistakes. Her listen, reading,	listening, speaking and reading
	are above average. His writing skills,	speaking and writing skills are average.	skills are improvable. Her
	especially in terms of accuracy are		writing skills are good,
	improvable.		especially in terms of accuracy.
			0.0



B	

Target competence				
General	Learner A	Learner C		
GeneralLearner AThe learners should be able to ask questions and to answer questions about their favourite sport. They also should know how to use a (online)Learner A should be able to summarise the gist of the video and answer detailed questions about it. Additionally, he should be able to interview his colleagues about their favourite sport(s) and can answer the questions asked by his colleagues with little help from his written notes.		Learner B can summarise the gist of the video and answer detailed questions about it. Additionally, she should be able to interview her colleagues about their favourite sport(s) and answer the questions asked by her colleagues with help from her written notes.	Learner C understands the gist of the video and can answer general questions about it. Additionally, she should be able to interview her colleagues about their favourite sport(s) and can answer the questions asked by her colleagues with help from her written notes.	
	Target per	formance		
General	Learner A	Learner B	Learner C	
All pupils will answer the interview questions about their favourite sport on their own and use the (online)dictionary if necessary. Additionally, they will interview their colleagues and note their findings.	Learner A will answer all questions about his favourite sport with little help of the online dictionary and interview a colleague. Additionally, he will present his findings in front of the class with little help of his notes.	Learner B will answer all questions about her favourite sport with help of the online dictionary and interview a colleague. Additionally, he will present his findings in front of the class with help of her notes.	Learner B will answer all questions about her favourite sport with help of the online dictionary and interview a colleague.	



Ø	

	Observed p	erformance	
General	Learner A	Learner B	Learner C
Not all pupil answered all interview questions, because some did not understand the questions. The teacher should discuss all questions in detail before the pupils start working. The observed performances were very differentiated. Some pupils already had interviewed their colleagues and others had not even written their own answers. The teaching material should be adapted. No pupil could present or summarise the outcome of the interview in third person (Lea's favourite sport is).	Learner A was working very fast. He answered all questions with little help of the online dictionary and interviewed his colleague. He did present his findings in front of the class with help of his notes. Unfortunately, he could not present his findings in the third person.	Learner B had difficulties understanding the questions. She needed help from the teacher to answer the questions. Interviewing her colleague was also very challenging for her and she did not seem very motivated for this topic.	Learner C had difficulties understanding the questions. She needed help from the teacher to answer the questions. Interviewing her colleague was also very challenging for her. She regularly switched to L1.
Examples should be given by the teacher and on the teaching material. the performance to be observed; anticipated problems during			
observation; criteria to evaluate performance (if possible)			
Necessary changes in the material: TM_1081_interview:			



nterview

Durchgeführt von: Lukas Rauscher

Durchgeführt am: 30.03.2017

Betrifft Video Nr.: 1081

Schüler	Frage	Antwort
Schüler A	Was hat dir an der Interviewaktivität gut gefallen?	Partnerarbeit, selbständige Wahl der Sportart (auch "lustige" Sachen" waren in Ordnung)
	Was hat dir an der Interviewaktivität nicht gefallen?	Nur vorgegeben Fragen, schwierige Fragen,
	Was würdest du ändern?	Zeilen auf dem Arbeitsblatt
Schüler B	Was hast du durch das Interview gelernt?	Neue Wörter, meine Klassenkollegen habe ich besser kennengelernt
	Was würdest du ändern?	Einfachere Fragen, mehr Zeit für das Interview
Schüler C	Nachdem du ein Interview geführt hast und selbst interviewt worden bist, würdest du das gerne öfters machen?	Ja, aber nicht mit diesem Thema.
	Was hat dir an der Interviewaktivität gut gefallen?	Lustig, wenig schreiben, gute Hilfe von den Lehrern
	Was hat dir an der Interviewaktivität nicht gefallen?	Lärm, ich wusste viele Worte nicht welche ich gebraucht hätte

# The learner's voice

What did you like about the material?

Student A

Pair work, I could choose the sport I like, funny things were OK Student C

Student

Funny, very little writing, helpful teachers

What did you not like about the material?

Student A

Questions were given and difficult

Student C

The noise and I did not know a lot of words I would have needed

What did you learn through interviewing? Student B New words, I know my classmates better

What would you change? Student B Easier questions, more time for the interview

After this... would you like to do more interviews? Student C Yes, but not with that topic.



nterview

Durchgeführt von: Lukas Rauscher

Durchgeführt am: 30.03.2017

Betrifft Video Nr.: 1081

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	Was würdest du ändern?	Zeilen auf dem Arbeitsblatt
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	Was hat dir an der Interviewaktivität gut gefallen?	Lustig, wenig schreiben, gute Hilfe von den Lehrern
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Funny, very little writing, helpful teachers

What did you not like about the material? Student A

**Questions were given and difficult** 

Student C

The **noise** and I **did not know a lot of words** I would have needed

What did you learn through interviewing? Student B New words, I know my classmates better

What would you change? Student B Easier questions, more time for the interview

After this... would you like to do more interviews? Student C Yes, but not with that topic.



#### NTERVIEW about SPORTS

Task 1: Think about your favourite sport and answer the questions in written form. Write your answers on the reverse.

Task 2: Ask your partner the following questions and write down his or her answers.

QUESTIONS	EXAMPLE (Simon)	MYSELF	FRIEND 1	FRIEND 2
What is your favourite sport?	baseball			
Where do you do your favourite sport?	school, park			
How often do you do your favourite sport?	two times a week			
Whom do you do your favourite sport with?	friends, brother			
Which equipment do you need for your favourite sport?	special glove, baseball, baseball bat			
What do you like most about your favourite sport?	free pizza after a win			
Would you like to be a professional athlete? Give reasons.	no - pilot			

Task 3: What did you find out about your friends? Summarise and present your findings to the class. Speak about one minute about one friend or yourself.

Example:

Simon's favourite sport is **baseball**.

He plays baseball at school or in the park twice a week.

He plays his favourite sport with his **friends** and his **brother**.

To play baseball he needs a special glove, a baseball and a baseball bat.

The thing he likes most about baseball is the **free pizza** they get if they win a game.

Simon does not want to become a professional athlete, because he wants to be a pilot.

© Lukas Rauscher

#### Revision after LS Cycle 1: shorter sentences but same number of questions



#### INTERVIEW about SPORTS

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QUESTIONS	EXAMPLE (Simon)	MYSELF	FRIEND 1	FRIEND 2
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How often do you do it?	two times a week			
Who do you do your favourite sport with?	friends, brother			
What do you need for it?	special glove, baseball, baseball bat			
What do you like most about it?	free pizza after a win	Y		
Would you like to be a professional athlete? Give reasons.	no - pilot			



# Preliminary results

-trainee teachers require ample support before and during material production as well as in planning teaching and learning with their materials

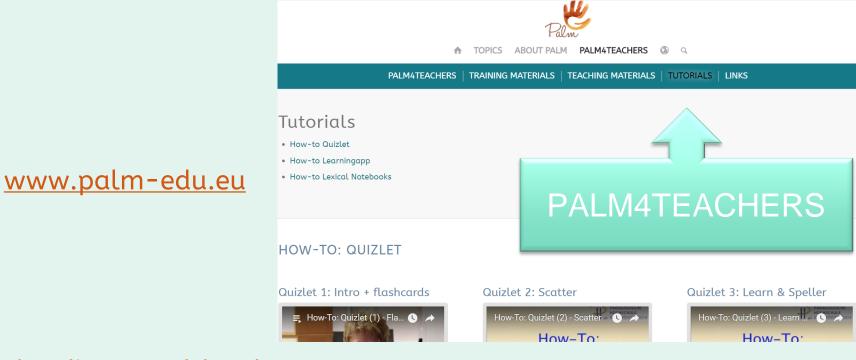
-attention has to be given to the power-distance imposition of trainees and course tutors in the evaluation of learning outcomes and the quality of materials

-anticipated success of the materials and the learning they trigger in connection with the assessment of course work obstructs the honest discussion of results in the process of LS

- a disconnection of LS from course assessment and ftf involvement of course tutors in the phase of impelementation has been suggested for future LS cycles



## Thank you for your attention!



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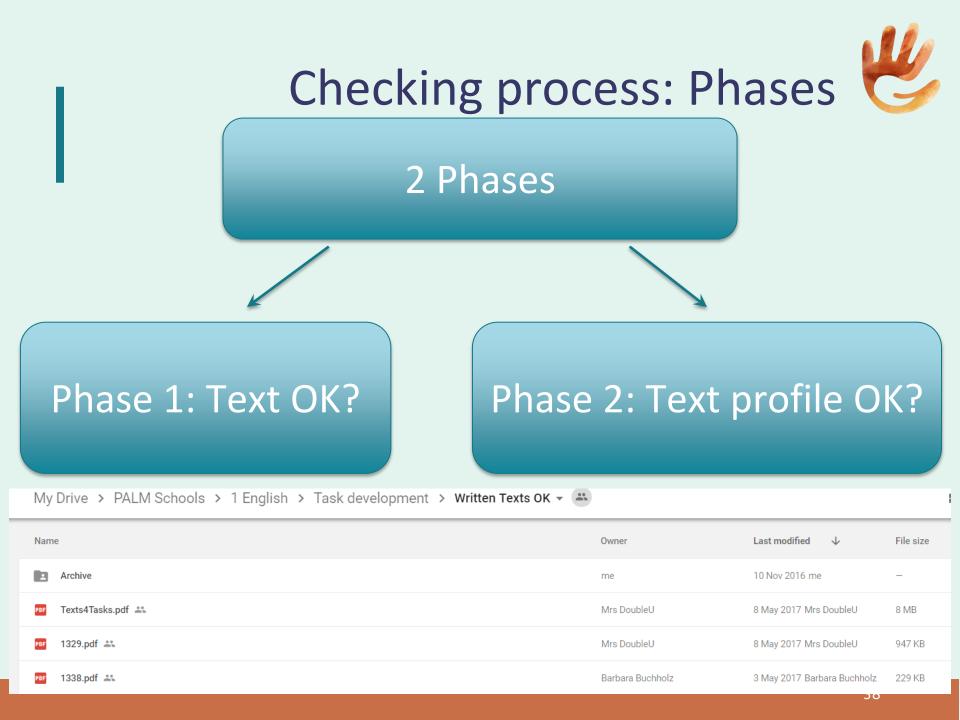
# Quiz: theoretical construct

Expeditious reading Selective attention (listening and/or watching)	understanding words/phrases (1)	You can understand words. (1) You can understand phrases. (2)
Expeditious reading Selective attention (listening and/or watching)	overall understanding (gist/main idea) (2)	You can understand the main idea. (3) You can find the correct title. (4) You can give the correct title. (5) You can find the correct topic. (6) You can give the correct topic. (7) You can understand what is going on. (8)
Expeditious reading Selective attention (listening and/or watching)	understanding information that is explicitly stated in the text (3)	You can find concrete information. (9)



# Quiz: theoretical construct

Careful reading Careful listening	understanding information and differentiating it from supporting detail (4)	You can understand details. (10)
Careful reading Careful listening	understanding information that is not explicit in the text (5)	You can understand what is meant even when it is not directly mentioned. (11) You can read between the lines. (12) You can listen between the lines. (13) You can spot information that is not mentioned. (14) You can understand words from the context. (15)
Careful reading Careful listening	providing a personal response that shows understanding (6)	Thank you for your reply. (16)





Texts submitted
 Text profiles > checked by HEIs > Texts OK

Text profile & text quality: product Checking: standardised process

quality assurance 2

Nun	nber	Title F							Form	at		Торіс			Name	of author	
1001	1	My three pets							video				1 Geo			а	
1002	2	My pet "Dora"							video			1 Georgia			а		
1003	3	My favourite	Text Nr		CE.	AG	COU	CA	то	CEFR	CII	1 ^	ST	TE	т тес	Name(s)	
1004	4	My favourite			GE				10			LA	51				
100	5	Shopping for	1001	2	1	14+	5	5	1	3	18	1	6	9	3	Georgia	
1000	6	My day	1002	2	1	14+	5	5	5	2	18	1	3	16	1	Georgia	
1007	7	The Elepha	1003	2	1	10	1	6	4	3	18	1	1	16	3	Valentina	 
1008	8	Austrian St	1004														 
1009		School Bus	1005	1	1	14+	1	6	5	3	11	1	-	13	3	arnold	
1010		Vitamis Res	1006	2	2	14+	1	3	9	4	42	1	-	17	3	Simon	
1011		Global War.	1007	1	2	12	1	1	5	3	18	1	3	16	1		
1012		The elephan	-						writte					16			39

# Checking process: Phase 1

## 4 categories for text selection criteria

- engagement
- possibility to design tasks round it
- appropriacy of language, i.e. useful for learning & learning the TL
- authenticity (e.g. content, layout & language)/identity

## Phase 1: Text OK?



