

1

Stage of development

- Design proposal**
General idea of the product.
- Global design**
First elaboration of the product.
- Partly detailed product**
Parts of the product have been specified and could be used by the target group.
- Completed product**
The product is ready for use in practice.

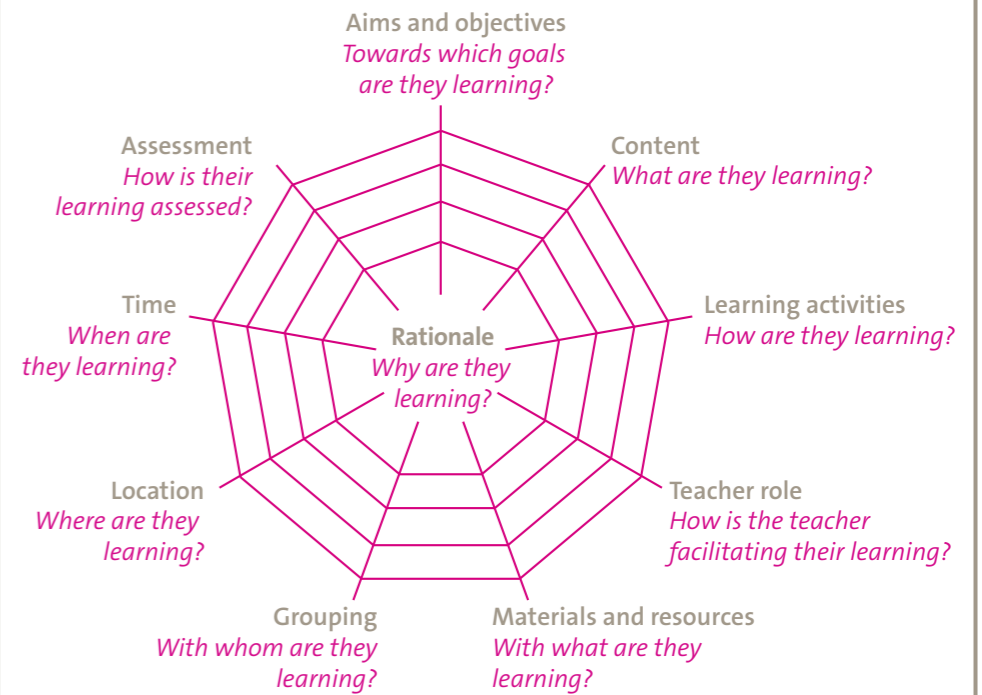
2

Quality aspects

- Relevance**
There is a need for the product and its design is based on state-of-the-art (scientific) knowledge.
- Consistency**
The product is 'logically' designed.
- Expected practicality**
The product is expected to be usable in the settings for which it has been designed.
- Expected effectiveness**
Using the product is expected to result in desired outcomes.
- Actual practicality**
The product is usable in the settings for which it has been designed.
- Actual effectiveness**
Using the product results in desired outcomes.





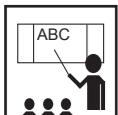
3

Curricular components









4

Evaluation method

- Screening**
 Members of the design research team check the design with a checklist containing required characteristics of the product.
- Focus group**
 A group of respondents reacts on a prototype of the product.
- Walkthrough**
 The design research team and representatives of the target group simulate the use of the product.
- Micro-evaluation**
 A small group of target users use parts of the product outside its normal user setting.
- Try-out**
 The target group uses the product in practice.

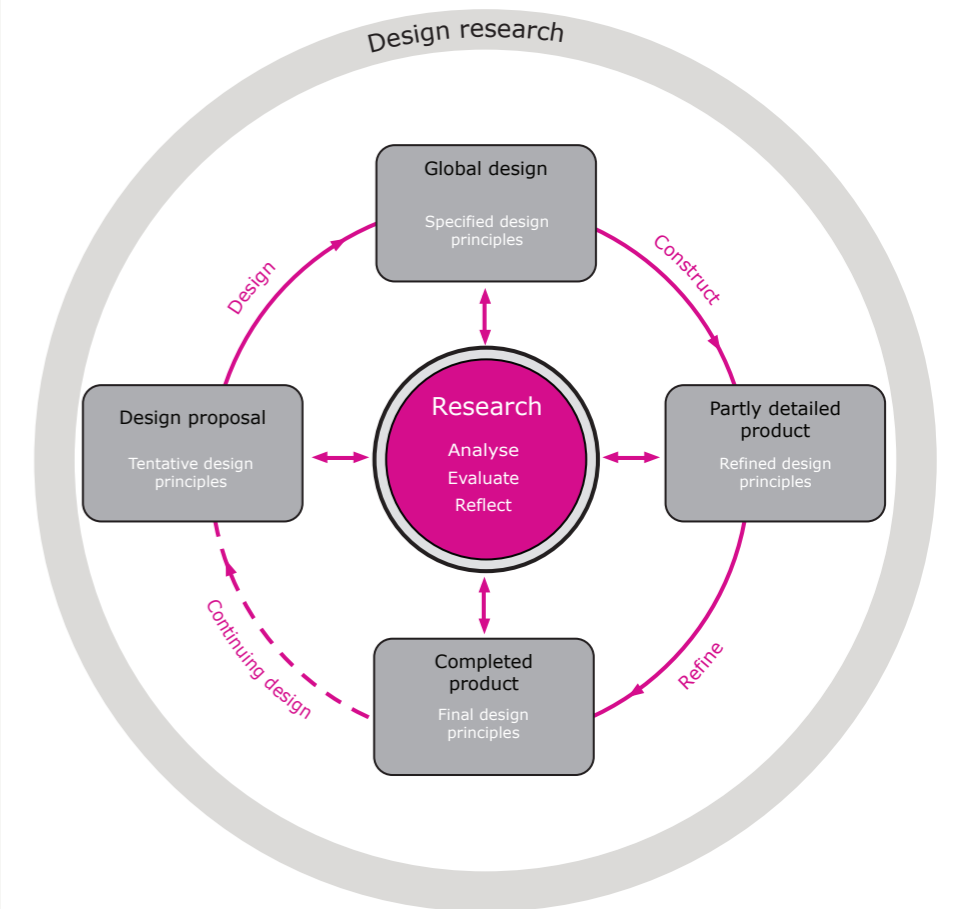
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Activities

- Using a checklist**
 Using a checklist with required characteristics of the product.
- Interviewing**
 Asking respondents questions verbally.
- Observing**
 Noticing what happens in practice and how respondents act.
- Administering a questionnaire**
 Respondents answer questions on a paper-based or digital questionnaire.
- Testing or requesting a report**
 Respondents make a test or draw up a learning report.
- Requesting logbooks**
 Respondents write down their actions and reflections during a certain period.



Design research



'Evaluation matchboard'

1 Stage of development				4 Evaluation method		5 Activities		2 Quality aspect						
Design proposal	Global design	Partly detailed product	Completed product	▼ Recommendation ▼				Relevancy	Consistency	Expected practicality	Expected effectiveness	Actual practicality	Actual effectiveness	
▶	▶			◀	Screening	<input checked="" type="checkbox"/>	▶	▶	▶	▶	▶	▶	▶	
	▶			◀			▶	▶	▶	▶	▶	▶	▶	▶
▶	▶			◀	Focus group		▶	▶	▶	▶	▶	▶	▶	
	▶	▶		◀			▶	▶	▶	▶	▶	▶	▶	▶
		▶	▶	◀			▶	▶	▶	▶	▶	▶	▶	▶
		▶		◀	Walkthrough	<input checked="" type="checkbox"/>	▶	▶	▶	▶	▶	▶	▶	
				◀			▶	▶	▶	▶	▶	▶	▶	▶
		▶	▶	◀	Micro-evaluation		▶	▶	▶	▶	▶	▶	▶	
			▶	◀			▶	▶	▶	▶	▶	▶	▶	▶
			▶	◀	Try-out		▶	▶	▶	▶	▶	▶	▶	
				◀			▶	▶	▶	▶	▶	▶	▶	▶
				▼ Remaining possibilities ▼										
		▶	▶	◀	Screening	<input checked="" type="checkbox"/>	▶	▶	▶	▶	▶	▶	▶	
▶				◀			▶	▶	▶	▶	▶	▶	▶	▶
▶	▶			◀	Focus group		▶	▶	▶	▶	▶	▶	▶	
		▶	▶	◀			▶	▶	▶	▶	▶	▶	▶	▶
▶	▶			◀			▶	▶	▶	▶	▶	▶	▶	▶
			▶	◀	Walkthrough	<input checked="" type="checkbox"/>	▶	▶	▶	▶	▶	▶	▶	
				◀			▶	▶	▶	▶	▶	▶	▶	▶
		▶		◀	Micro-evaluation		▶	▶	▶	▶	▶	▶	▶	
				◀			▶	▶	▶	▶	▶	▶	▶	▶

Explanation: On one horizontal row, combine a stage of development (1) with a quality aspect (2) and find an evaluation method (4) with relevant activities (5)

