# nextlab 21st CENTURY SKILLS II **Teacher Event**



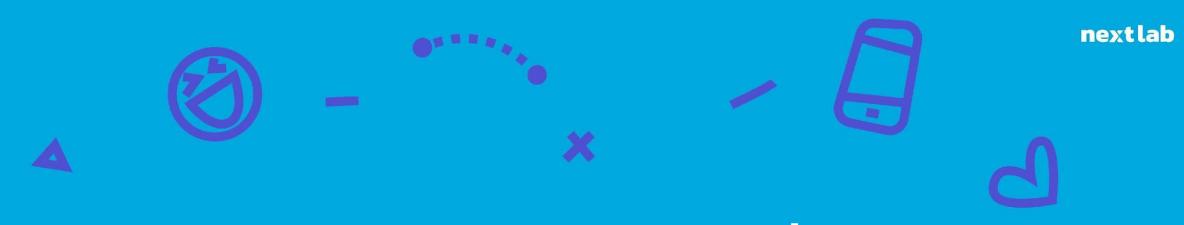


## **PART A**

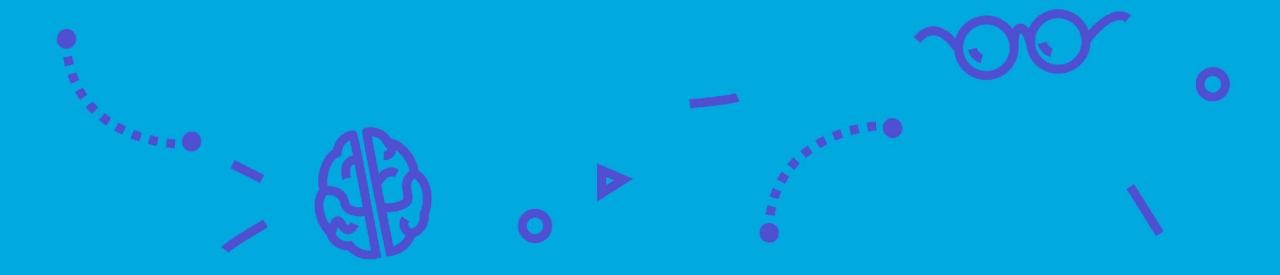
- Awareness, Assessment and Reflection
  - Why?
  - For whom?
  - How?

 Next-Lab features to support Awareness, Assessment and Reflection

Hands-on activity



## Awareness, Assessment and Reflection



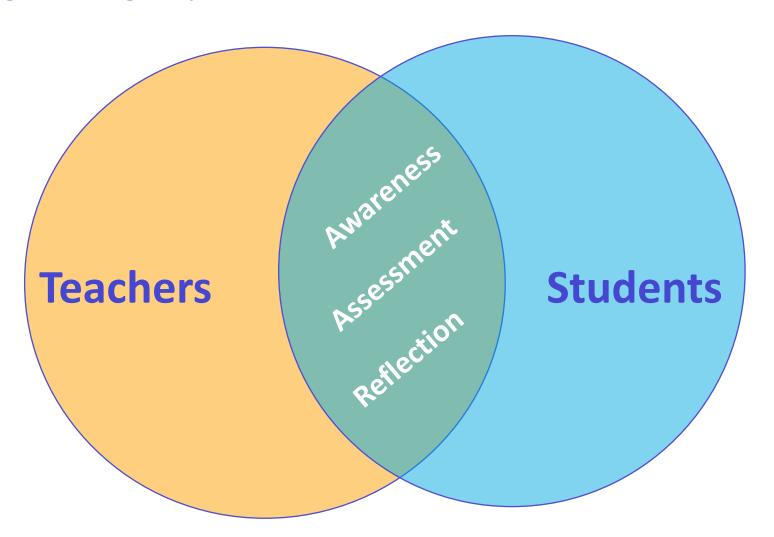
## Why?

- Awareness promoting collaboration among students
  - allow teachers to overview students progress
- Assessment promoting collaboration among students
- allow teachers to provide face-to-face feedback to individual or groups of students
- Reflection 

   allow students to think critically of their own learning process
  - allow teachers to monitor students' work



## For whom?





## How?

- Privacy and ethics policy for teachers and students
  - User traces and created content will be stored to support awareness, assessment and reflection

### Set of learning analytics apps

 e.g., showing on-line users, measuring the time spent in the different learning phases, the transitions or the used apps

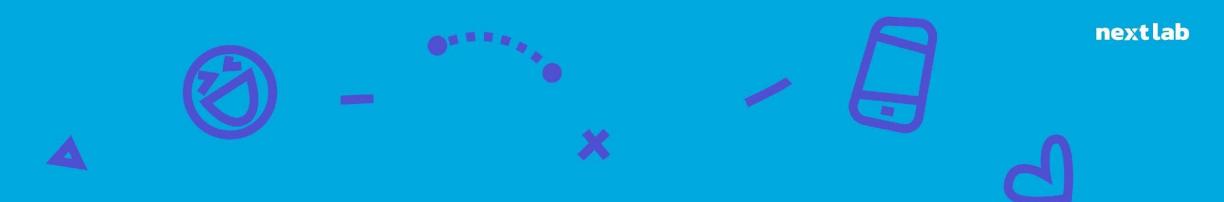
### **Learning outcome**

 Teachers will have access to the production of their students during and after the session

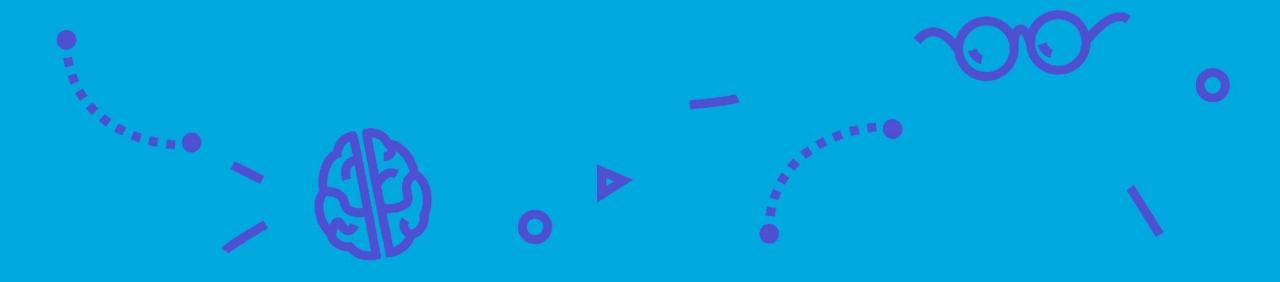
### **Formative assessment**

 e.g., collaboration channels and dedicated apps enabling teachers to give feedback

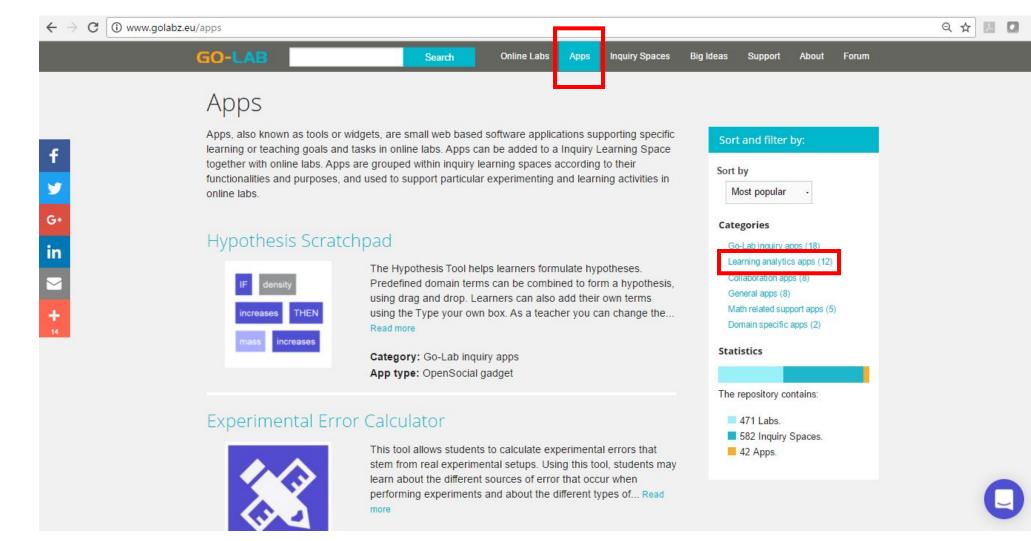




## Next-Lab features to support awareness, assessment and reflection







### How can teachers be aware on how have students used the ILS?



Action Statistics

Online users visualization



**Student time spent** 



**Timeline** 



How can students be aware and reflect on their process?

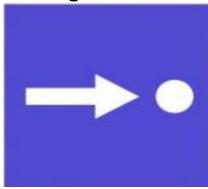
**Reflection Tool** 



**Reflection Tool (transitions)** 



**Progress Bar** 



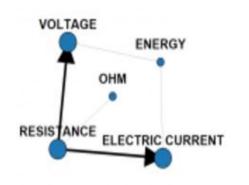
### Learning analytics related to the concept map activity



#### **Concept Cloud**



#### **Concept Map Aggregation**



#### **Concept Map Dashboard**

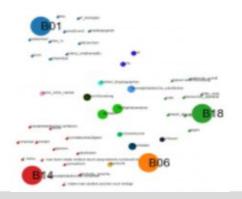


## Other Learning analytics

#### **Submitted files in ILS**



#### **Semantic group formation**



## **Learning Analytics Apps**

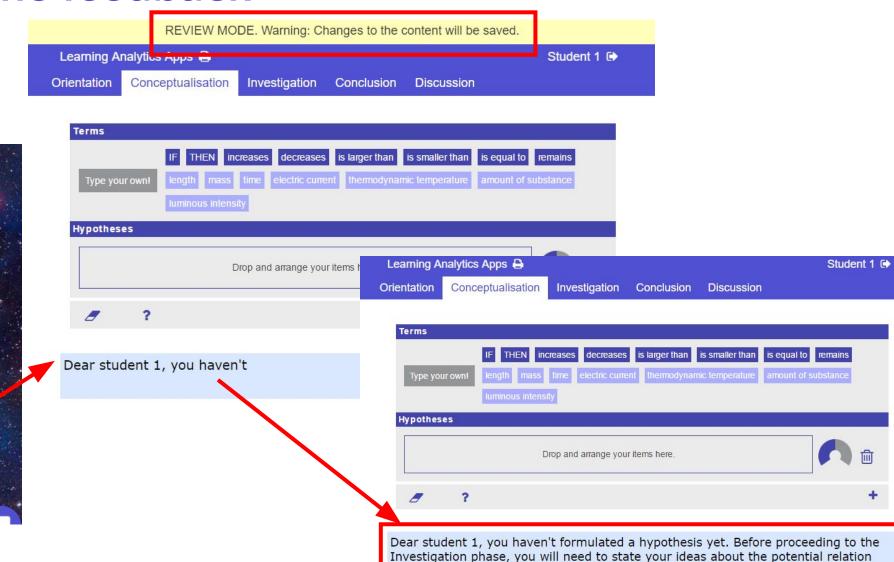




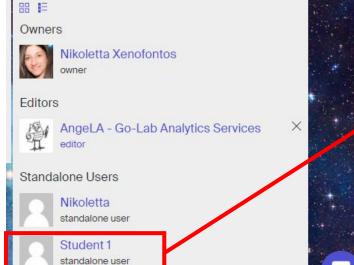
Name	FOR WHAT PURPOSE?	For who?	
	AWARENESS REFLECTION	TEACHER	<b>S</b> TUDENTS
Action Statistics	<b>√</b>		
Concept Map Aggregation	<b>√</b> /		
Concept Map Dashboard	Which		
Concept Cloud	ones	S do	
Online users visualization	Which ones	fulz You	find
Progress Bar		91?	74
Reflection Tool			
Reflection Tool (transitions)			
Semantic Group Formation App			
Student time spent			
Submitted files in ILS	<b>→</b>		
Timeline	$\checkmark$	V	

## Teacher's online feedback





between the variables you are about to investigate.



Members

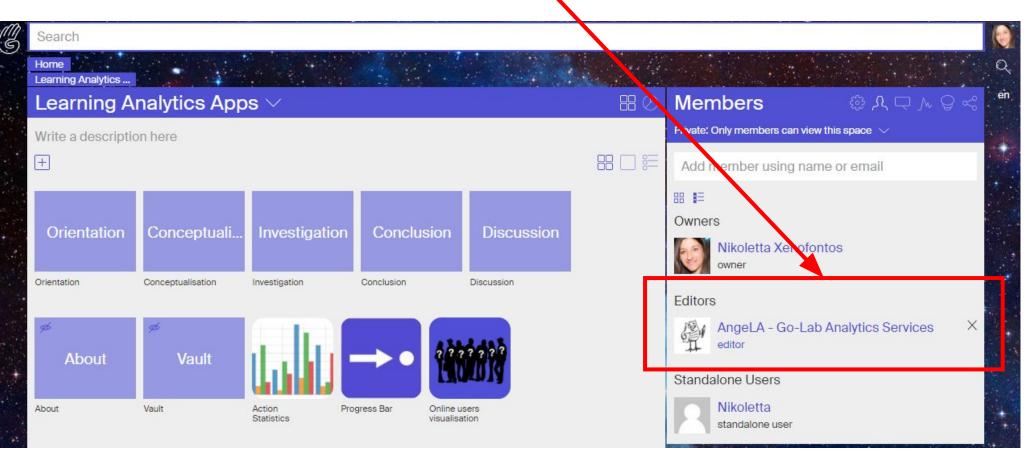
Private: Only members can view this space 🗸

Add member using name or email



## **Ensure that AngeLA is in your ILS**









## Hands on activity!!

Visit <u>www.golabz.eu</u> and search for the learning analytics apps

Read the description and explore the preview of each app.

Search for ILSs which include some Learning Analytics App.

Add learning analytics apps in one of your ILSs.

## Share your thoughts!







## **PART B**

- About peer assessment
- Hands-on activity
- Teachers' role
- Share your thoughts





## Why is peer assessment important?

 Peer assessment has been for decades an indispensable practice for evaluating scientific work!

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## Why should peer assessment be implemented in the classroom?



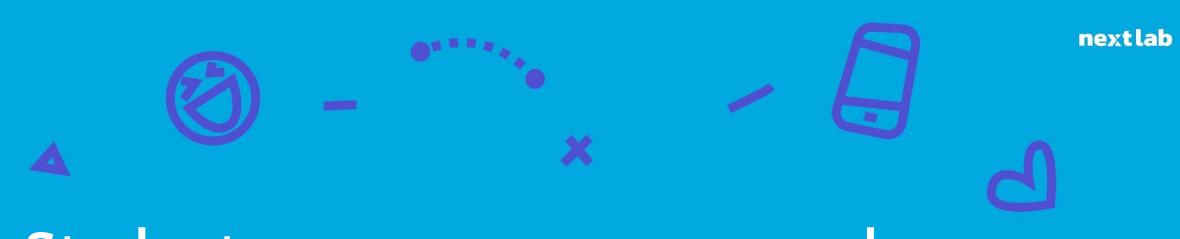
- It offers a valuable complement to teacher assessment
- It is a type of collaborative learning and it promotes fruitful interaction among peers
- It promotes reflection and metacognitive skills
- It fosters the active involvement of students in the learning process
- It improves the quality of learning, overall.



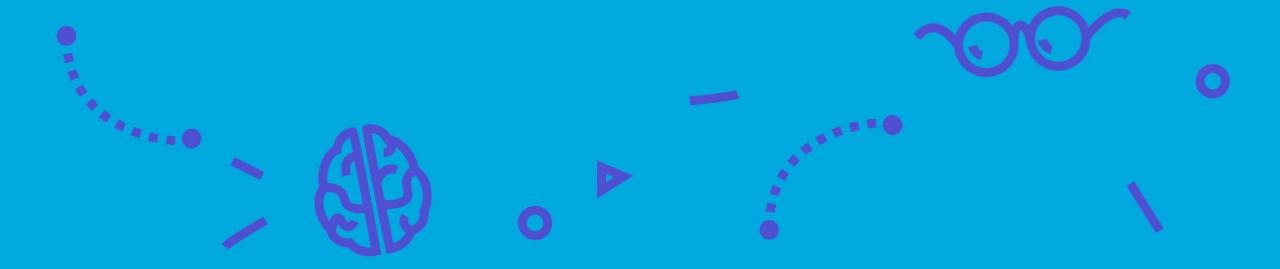
## Long-term benefits of peer assessment

- Enhancing responsibility during inquiry-based learning
- Developing trust among peers
- Facilitating collaboration and constructive support among students
- Fostering self-confidence and motivation for learning





Students as peer assessors and assessees





## Peer assessment setting

Reciprocal arrangement of roles

 Each assessor would need to have undertaken learning activities that lead to learning products to be assessed



## Peer feedback (assessors' role)



 Quantitative feedback; scoring learning products according to assessment criteria (rubric)

 Qualitative feedback; comments and suggestions for improvements/changes

## Revisions/reflection (assessees' role)

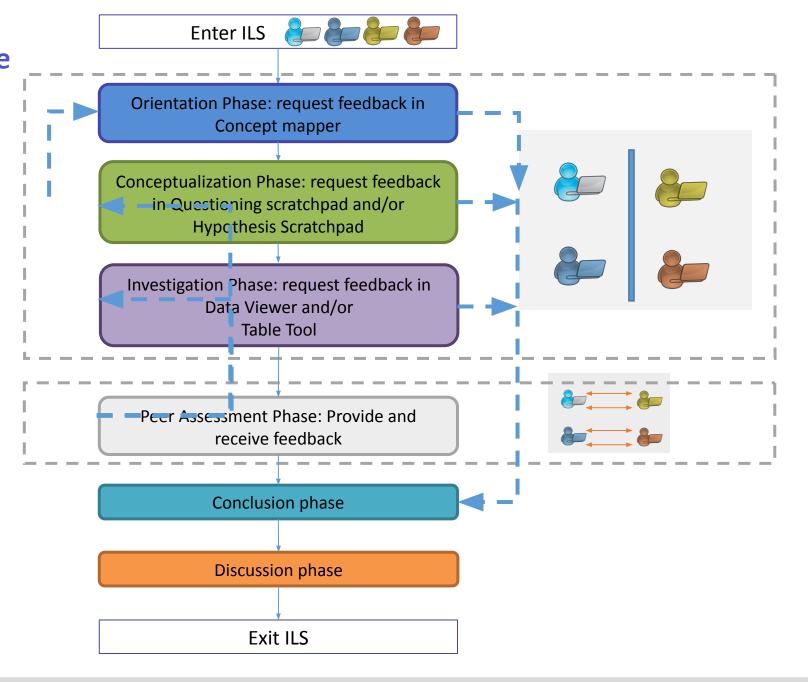


 Screening peer feedback and re-working of learning products

 Comparison between different versions of the same learning product



Workflow during the peer assessment through the Go-Lab inquiry cycle

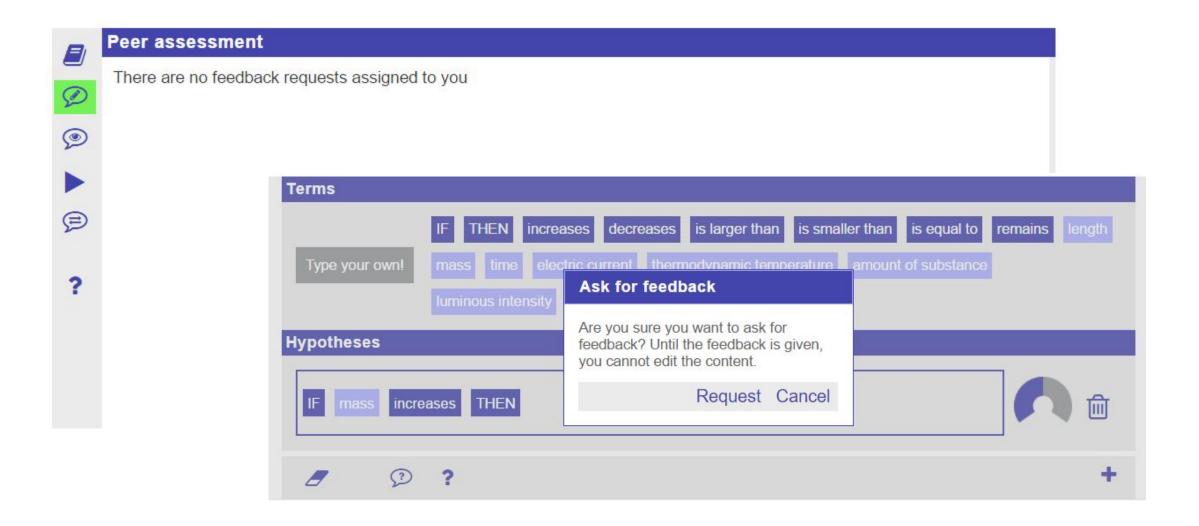




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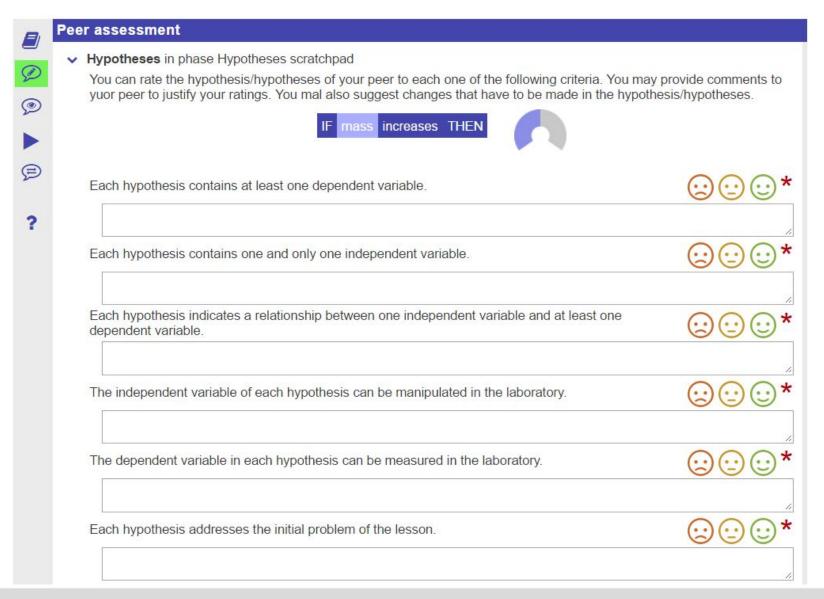
## Peer assessment app and request for peer feedback





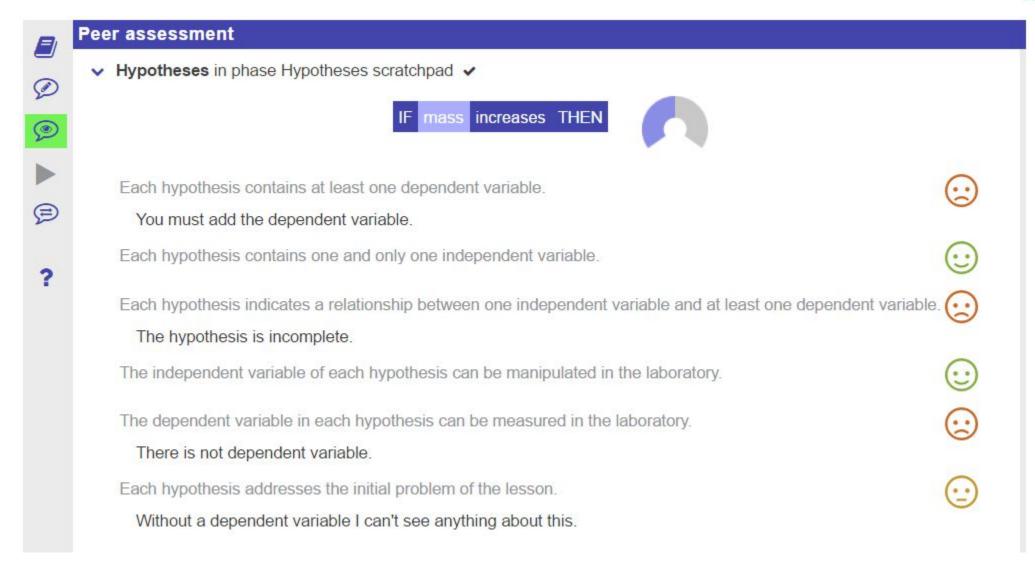
#### Assessment Criteria





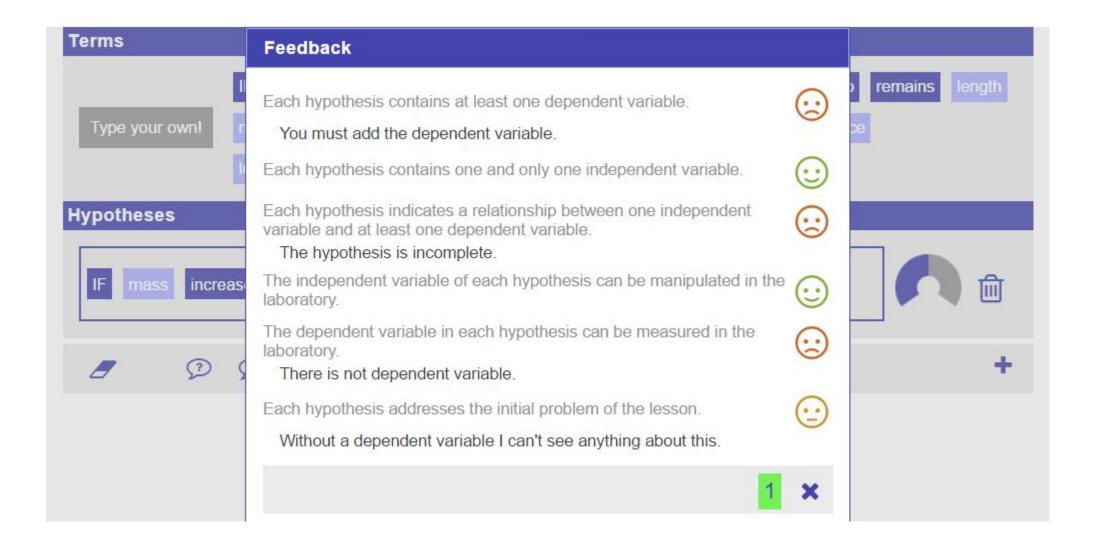
#### Received feedback

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## Received feedback is shown in the original tool





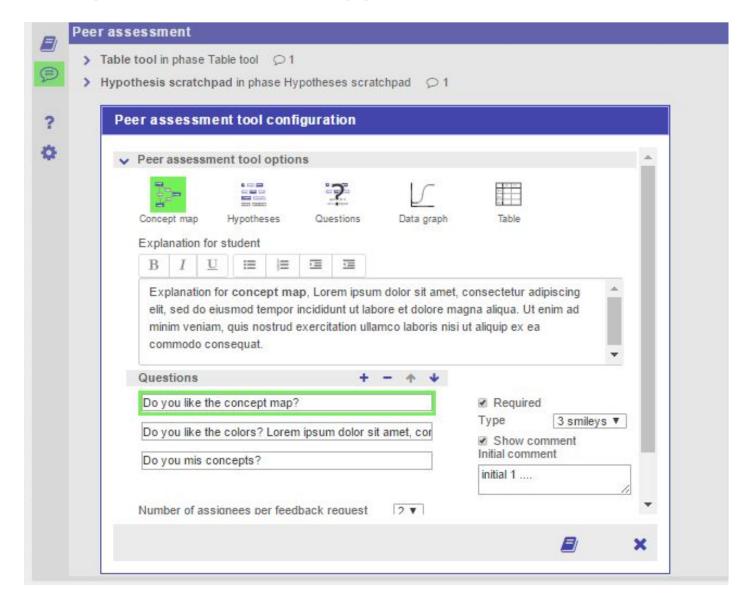






## Configuration of the peer assessment app





## Share your thoughts!



