



# Questions

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- What did you do?
- How was the technology used?
- What were the opportunities for formative assessment?
- How were the opportunities used?
- What have you learned?

# Research questions

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- How do teachers **process** formative assessment data from students using a range of technologies?
- How do teachers **inform their future teaching** using such data?

# Formative assessment

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Key areas of interest:

- Building on student's prior knowledge
- Identifying and responding to students' conceptual difficulties
- Using questioning
- Increasing student collaboration
- Students becoming assessors.

# Role of technology

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- A direct replacement for paper-based methods?
- A replacement with benefits?
- A replacement with disadvantages?
- A method that changes the process of teaching and learning?

# Planning with technology

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- What information does the technology provide?
- How will it be used?

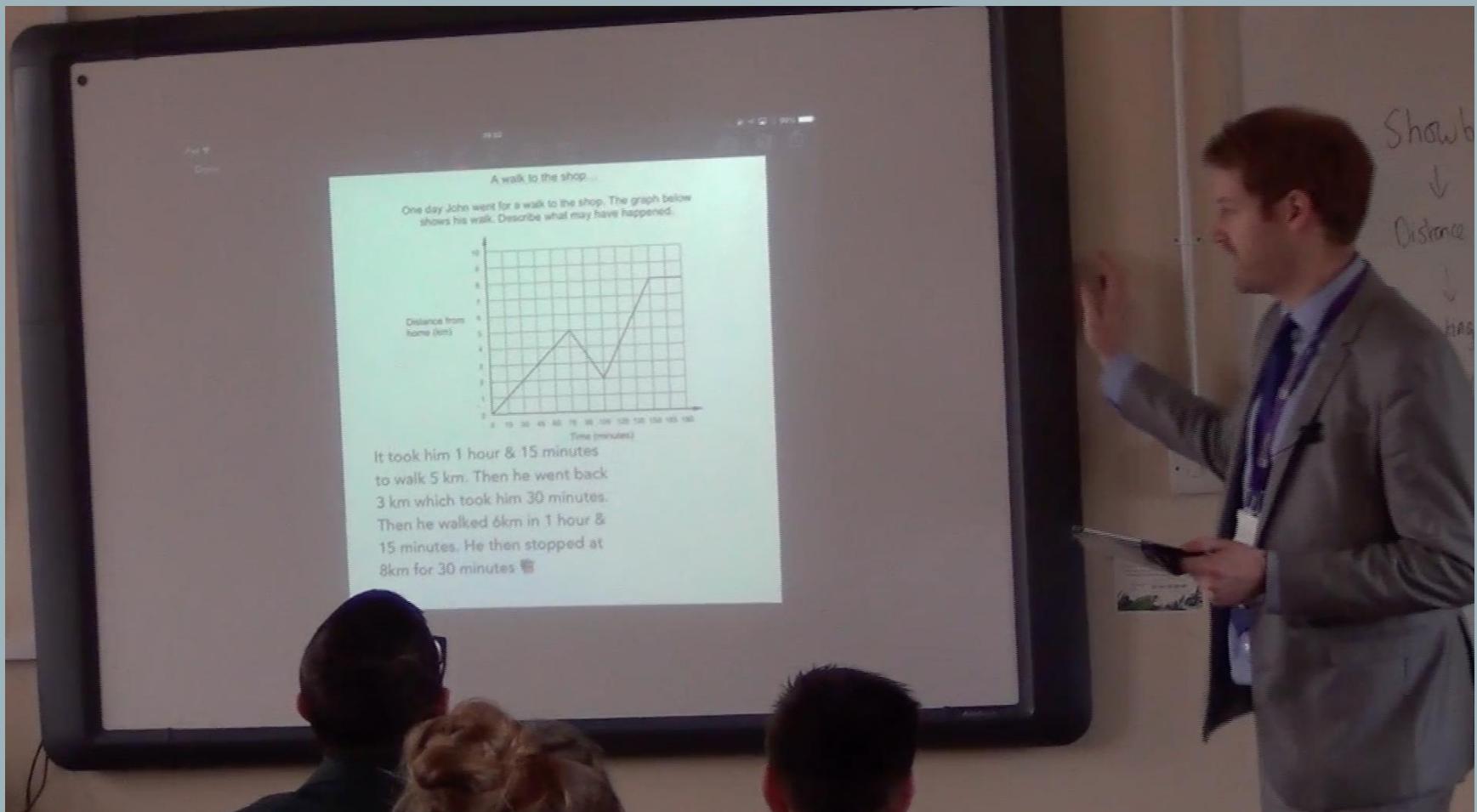
## Examples:

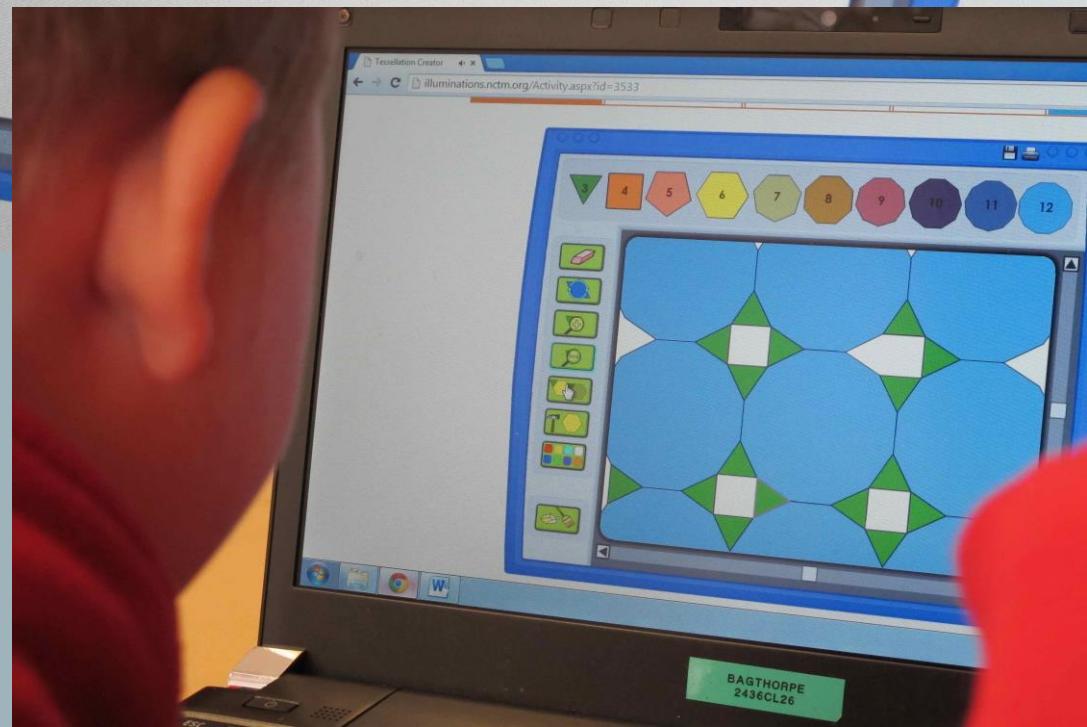
Profile of students' responses to diagnostic questions

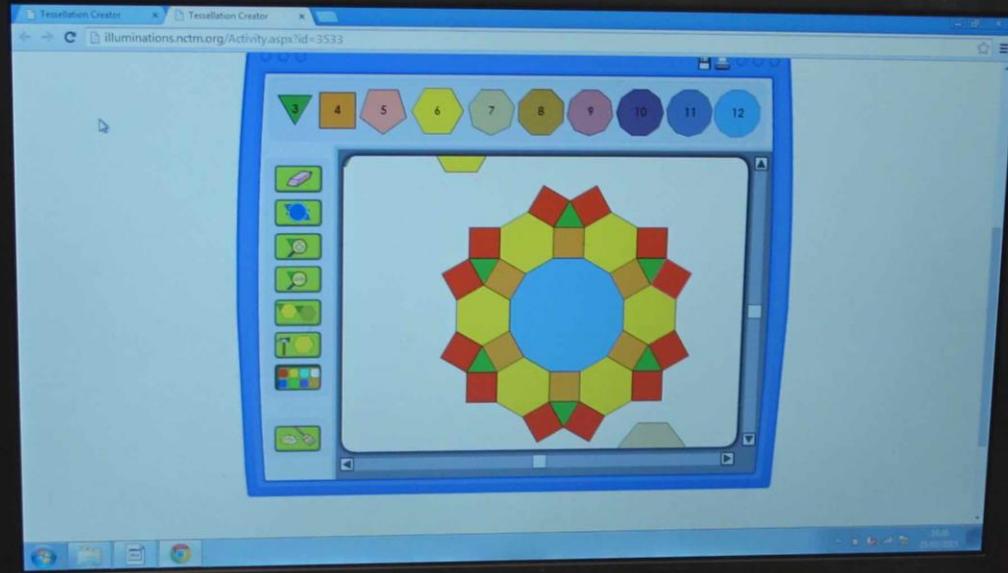
Reasons for students' choice of response

Students' responses to tasks in class









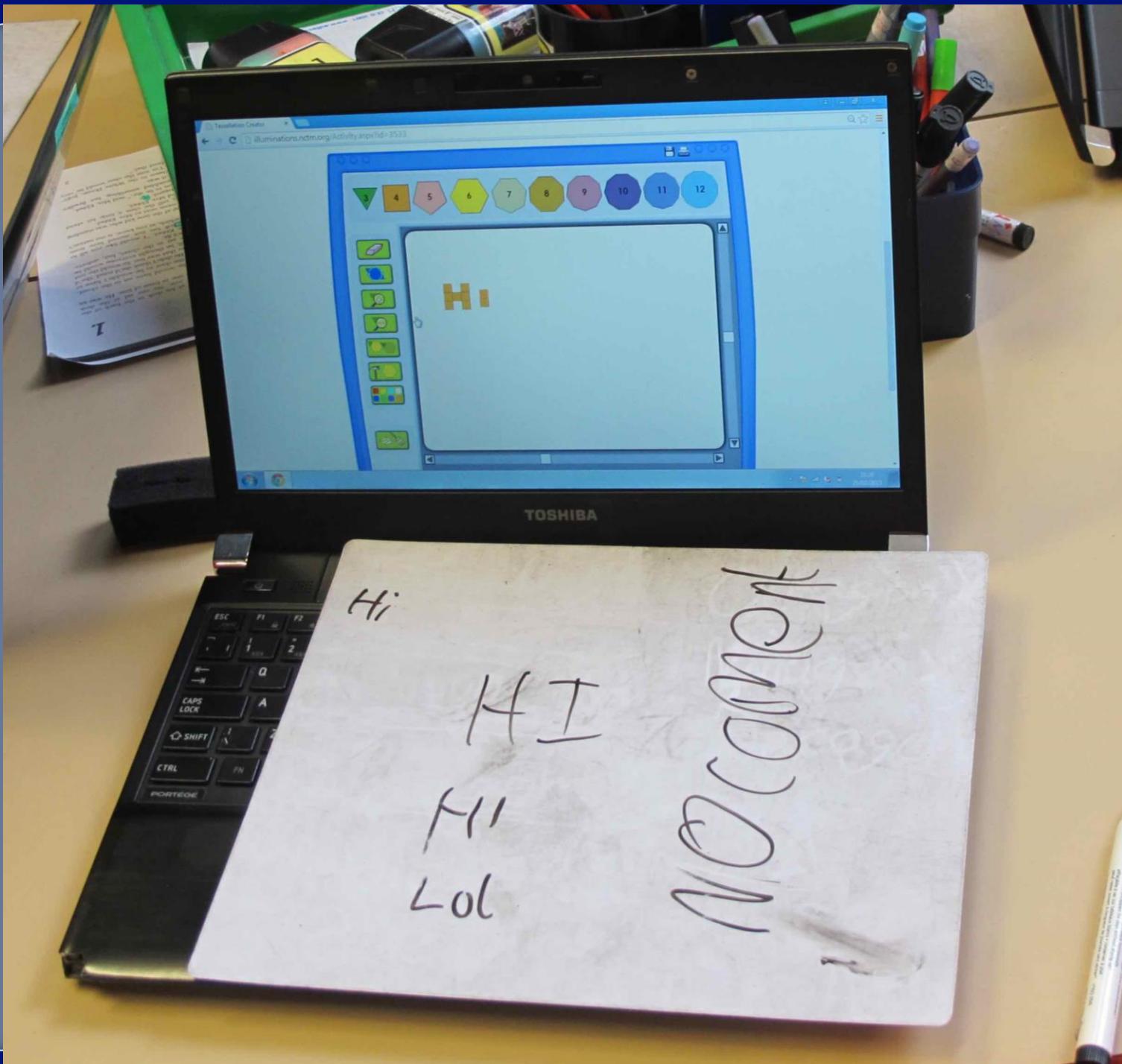
Izzy and Harry: !!

This is amazing  
It is awesome

It is awesome  
Izagik.

Cool!!  
-Jessie

Awesome  
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# Planning for formative assessment

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- What responses from students may arise?
- What are the common misconceptions underlying these responses?
- What questions will you ask to deal with these?