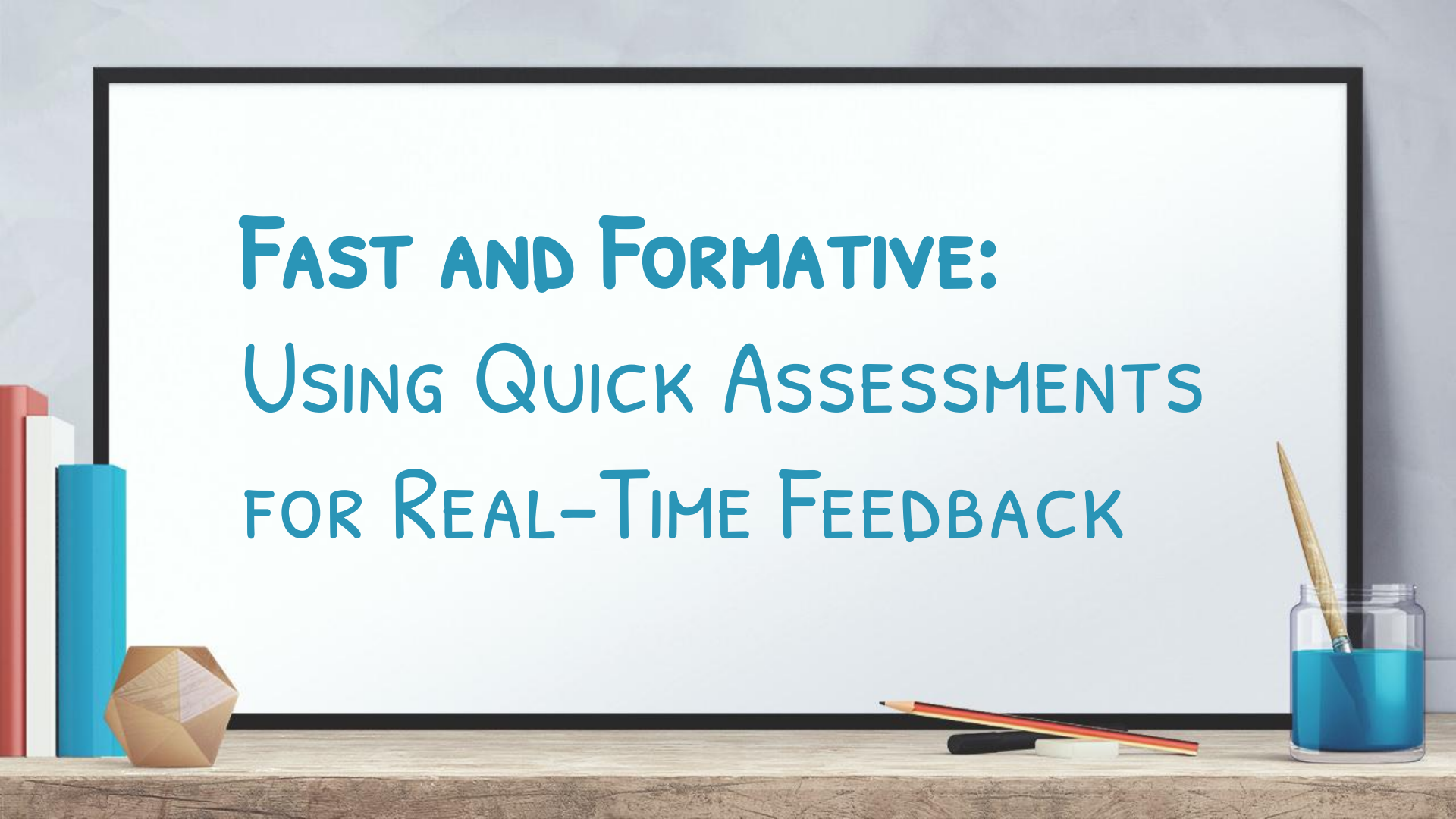
Fast and Formative: Using Quick Assessments for Real-Time Feedback



Hello!

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6th Grade Science Teacher

Charlotte Christian School.

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Why Quick Assessments?

Quick feedback and immediate correction is more beneficial than feedback provided a day or two later.

Columbia Middle School Project

reported by NOVA School of the Future

"providing students with the opportunity for retrieval practice—and ideally, providing feedback for the responses—will increase learning of targeted as well as related material."

Technology's Role

Technology can help reduce the time required to assess student learning.

HYPERDOCS

GoFormative

Tech Tools for Quick Assessments Summary

HyperDocs

- Students work on lessons in groups or individually
- Allows teacher to interact with groups and individuals

GoFormative

- Teacher sees responses in real time
- Changes are real-time allowing for flexible instruction

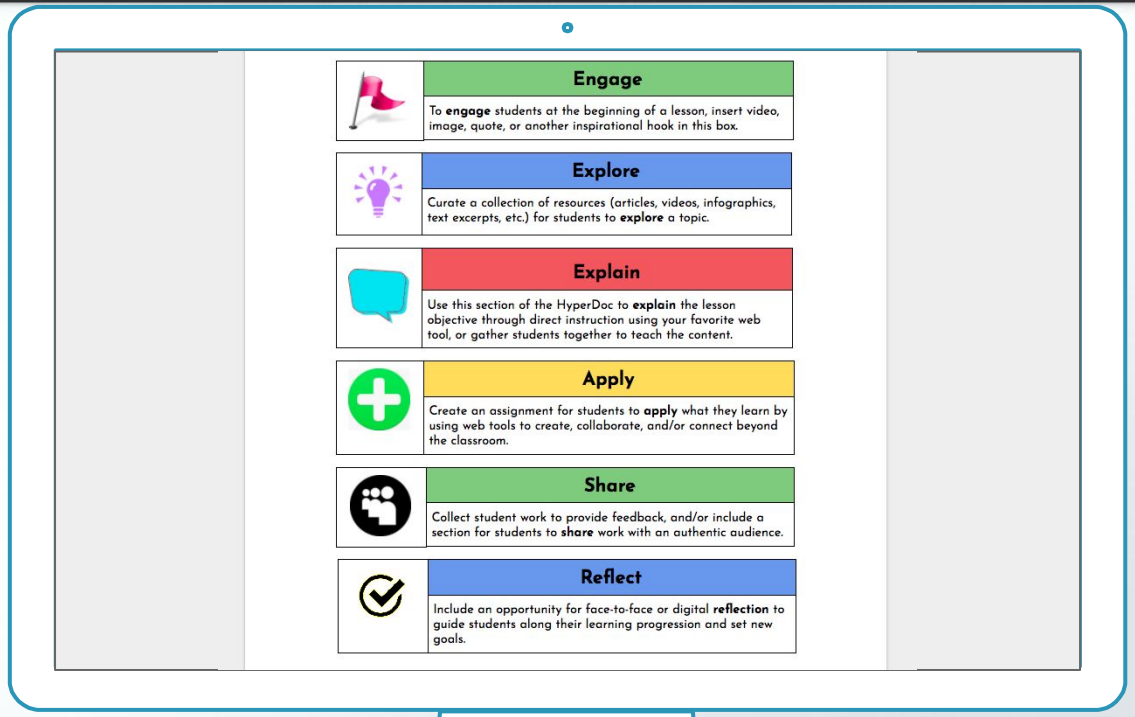
BEFORE HYPERDOCS

+ I taught the lesson from the Smartboard
+ Students read the textbook and did the experiment
+ Students did individual worksheet practice
+ The HW assignment was a printed worksheet
+ The next day we reviewed HW answers in class

WITH HYPERDOCS

- I introduce the lesson from the Smartboard
- Students follow the HyperDoc lesson
- Students work in groups; discussion is encouraged
- Students share and practice while I visit groups
- Students get one-on-one attention from me

Example of a HyperDoc lesson



Engage

To **engage** students at the beginning of a lesson, insert video, image, quote, or another inspirational hook in this box.

Explore

Curate a collection of resources (articles, videos, infographics, text excerpts, etc.) for students to **explore** a topic.

Explain

Use this section of the HyperDoc to **explain** the lesson objective through direct instruction using your favorite web tool, or gather students together to teach the content.

Apply

Create an assignment for students to **apply** what they learn by using web tools to create, collaborate, and/or connect beyond the classroom.

Share

Collect student work to provide feedback, and/or include a section for students to **share** work with an authentic audience.

Reflect

Include an opportunity for face-to-face or digital **reflection** to guide students along their learning progression and set new goals.

Example of one of my HyperDoc lessons

States of Matter

Read each section in order and click on links to connect to videos, images and reading pages. Be sure to read and follow instructions before moving to the links. If you finish the activities before those in your group you may do the Extend section at the bottom.

Engage

What could you do to fix a dented ping pong ball?

dented ping pong ball

Enter your suggestions in Canvas Discussions

Explore

Read page 9 in the Matter and Change textbook. With your table partner, create a 7 second "Vine" using the video feature

The Big SHIFT in FOCUS for me

Focus on student scoring

Focus on student learning


GoFormative

+ Allows teacher to see student responses real time
+ Can track progress of class or individual student
+ Can give immediate student feedback
+ Has a "hide names" feature
+ Can upload existing electronic files and add prompt

Can upload documents and click on them to create prompts

edit preview view responses Assign

Observing

show questions

Thinking Like a Scientist

Observing

A. What five senses do you use to observe?

1 _____

B. What is the textbook's definition of **observing**? *(Answer using a complete sentence.)*

2 _____

C. Is the textbook's definition of observing different than what you originally thought? Explain below. *(Answer using a complete sentence.)*

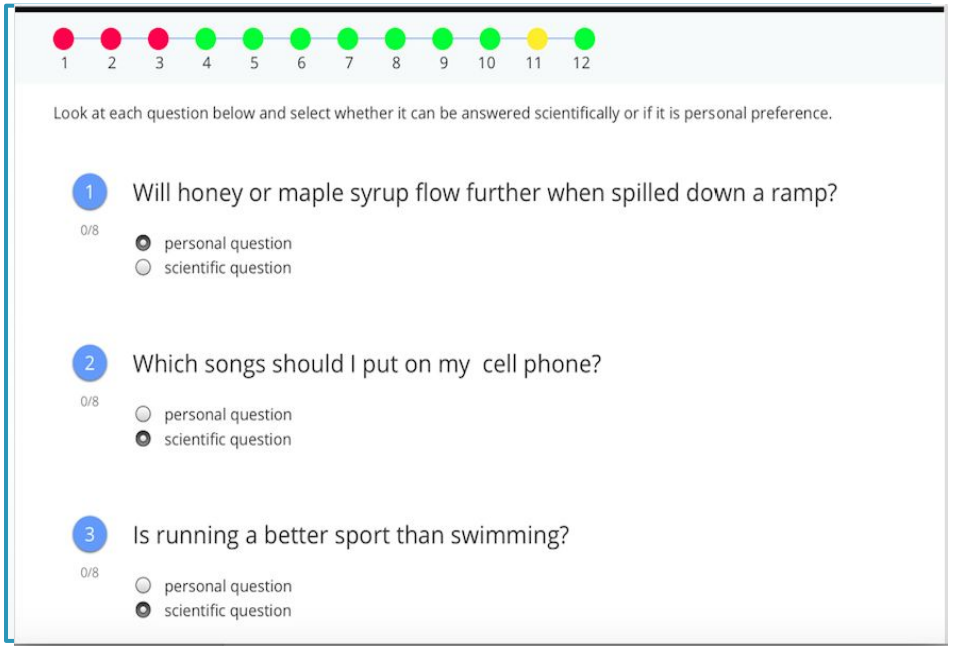
3 _____

D. Quantitative observations deal with a 4 _____ or 5 _____ and qualitative observations deal with 6 _____.

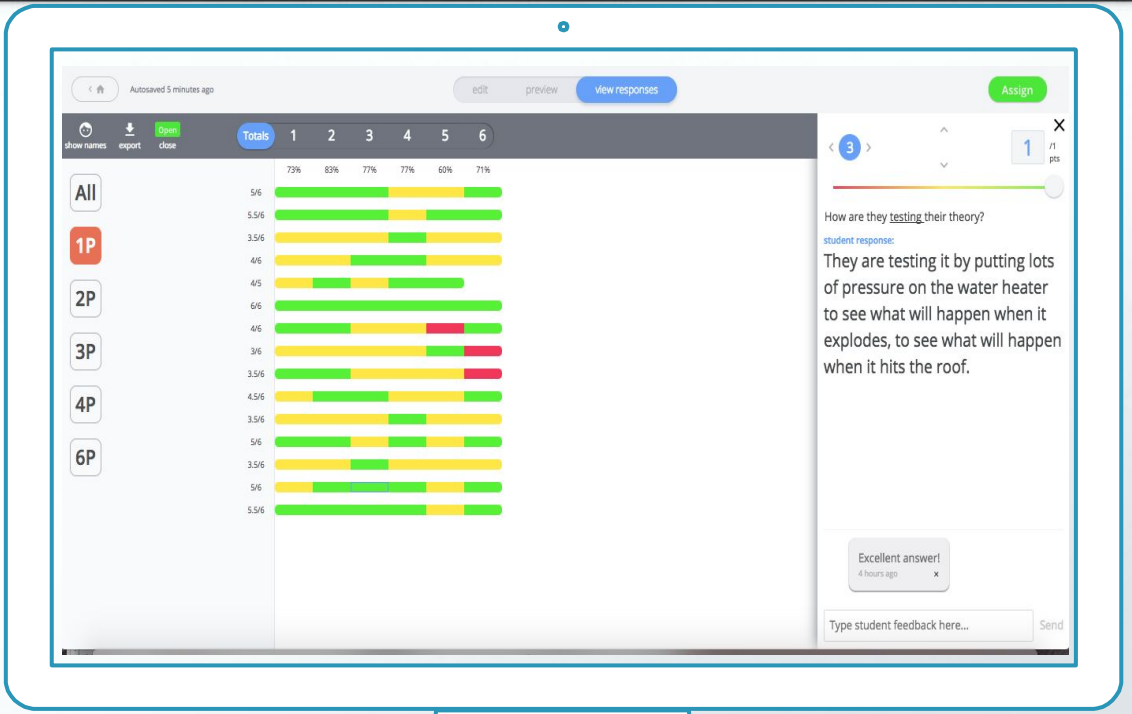
E. Choose **Qual** or **Quan** to indicate whether the statement is a qualitative or quantitative observation.

7 _____ There are fifteen students in class.

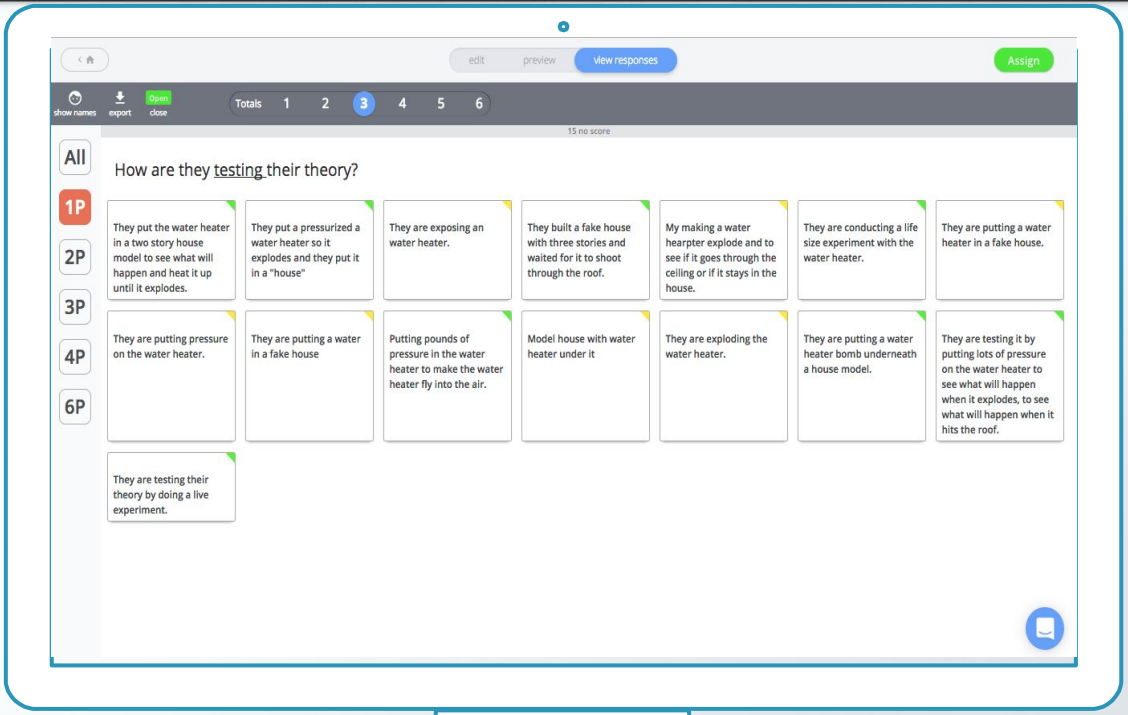
What the student sees



Give feedback, easily grade or autoscore student work



View individual student responses in real time



Some Uses for GoFormative

- Starter questions
- Classwork / homework
- Quizzes
- Exit tickets

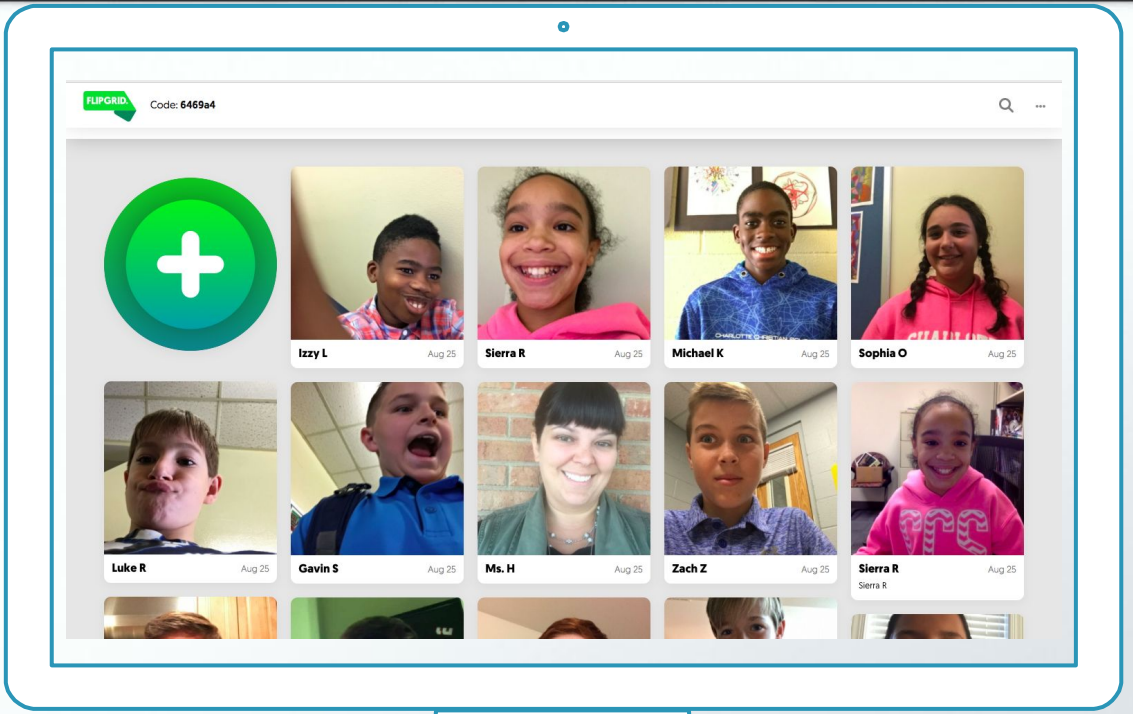


Biggest Benefits

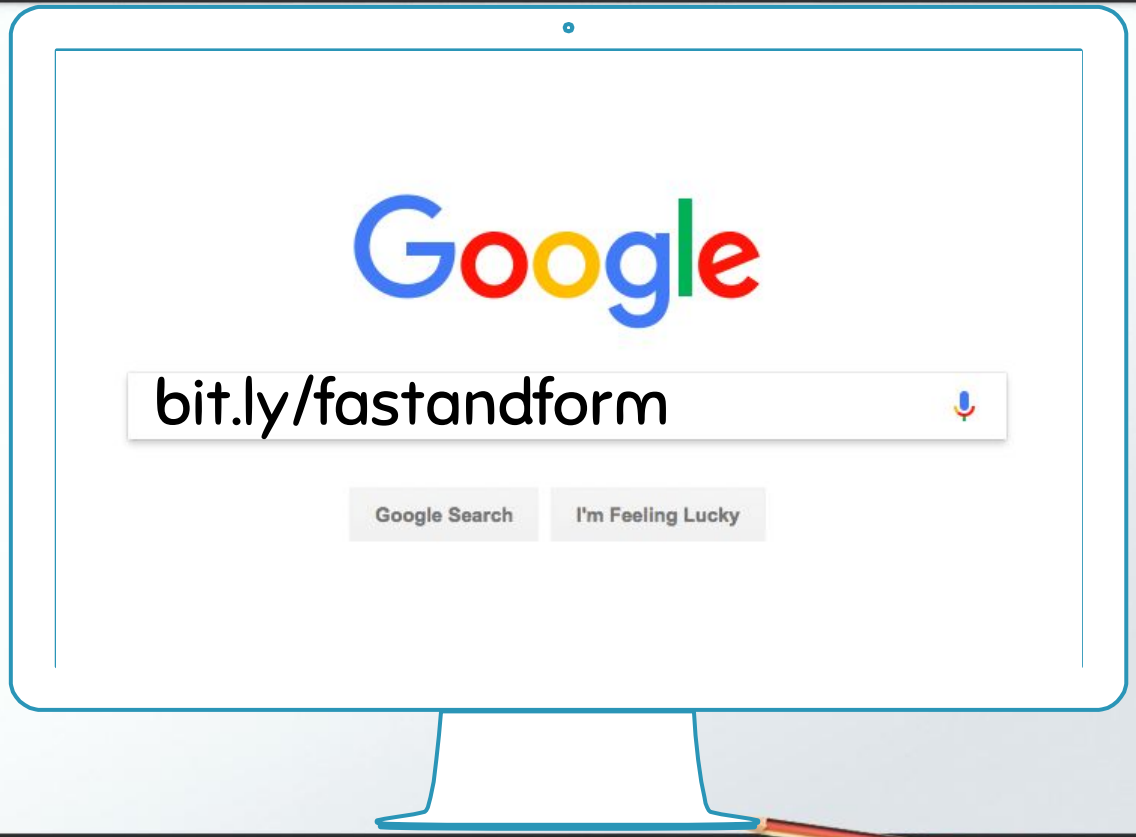
Direct interaction between teacher & students allows for adjustment.

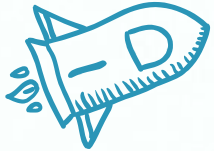
It also builds confidence and reduces inaccurate learning.

BONUS:
Fligrid



YOUR TURN!





Websites

HyperDocs https://hyperdocs.co/

GoFormative https://goformative.com/

Fligrid https://info.flipgrid.com/

GoFormative Tutorial Videos

http://community.goformative.com/tutorials-1/

Thanks!

Any questions?

Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash