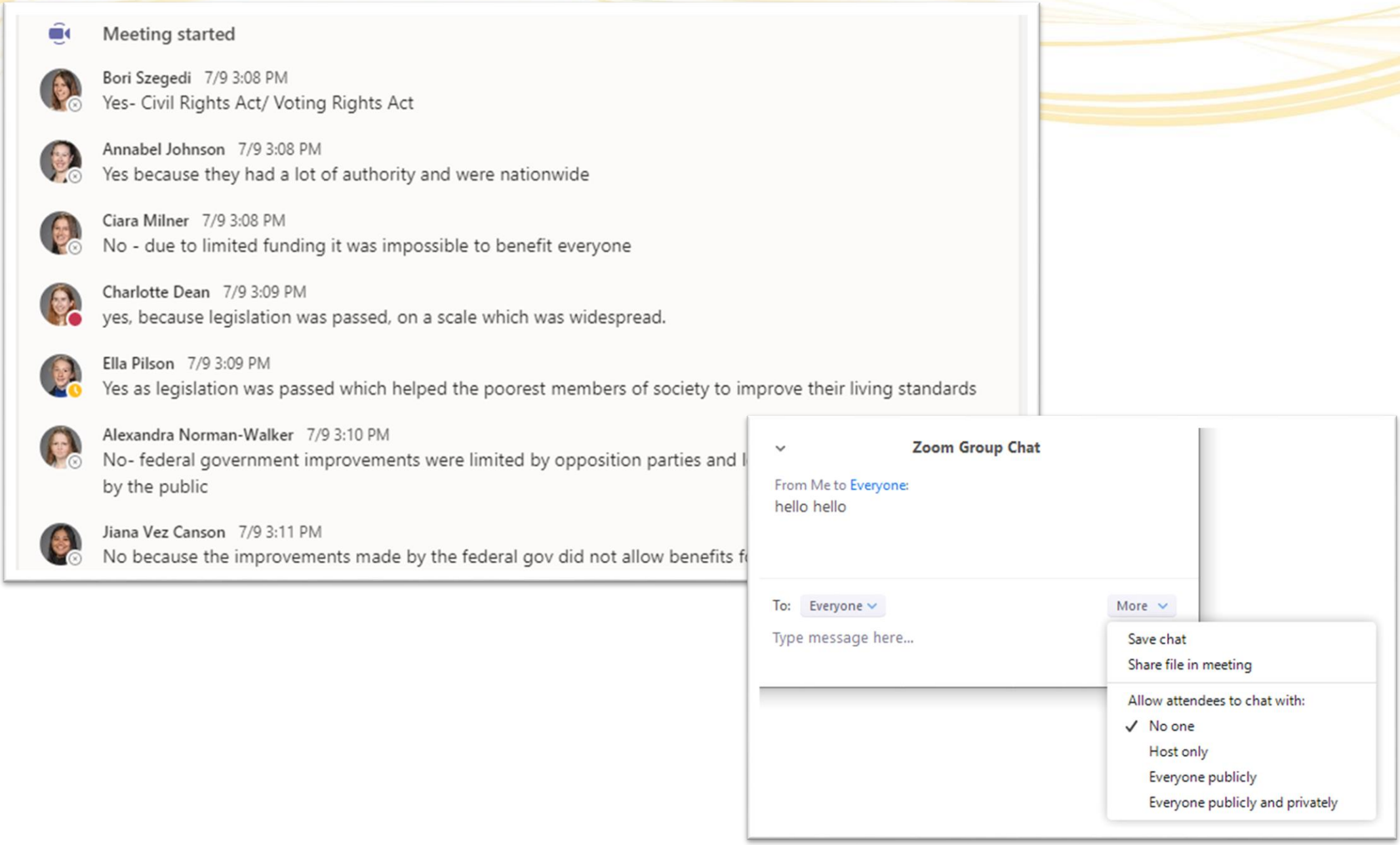
1b. ‘Teaching’ live content

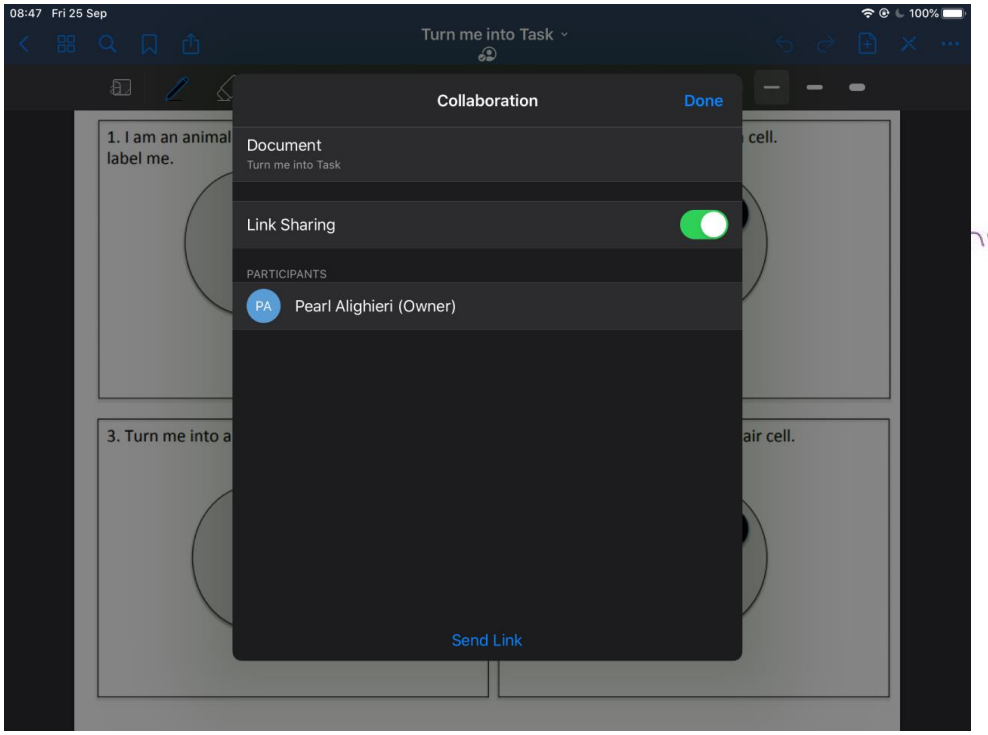
Encouraging peer collaboration:

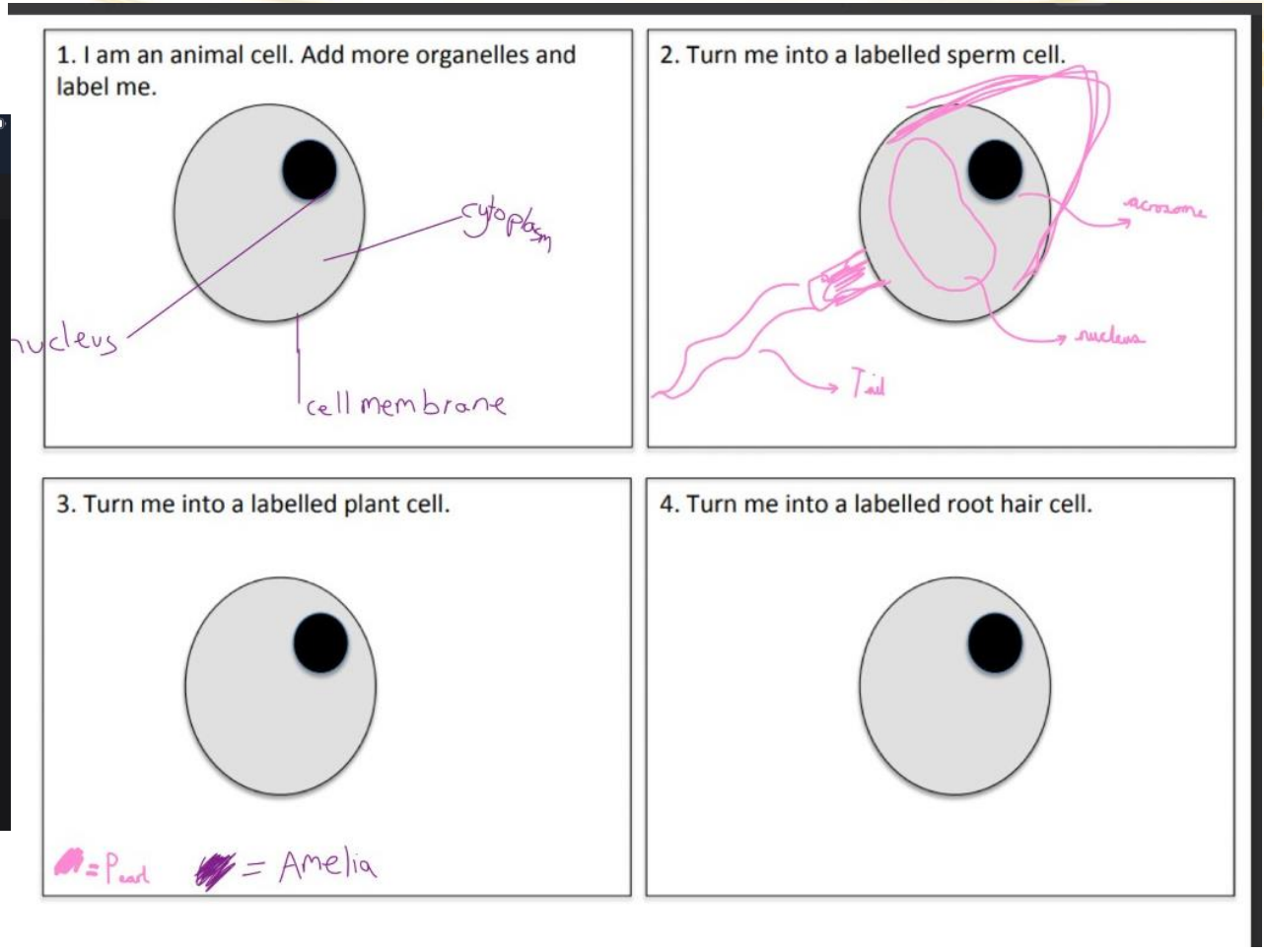
1. Use the **chat function** on Zoom
2. Use **Goodnotes 5** to get students to collaborate
3. Use whiteboard.fi to **interact** and receive student responses live

Collaboration: Zoom Chat



Collaboration: Goodnotes 5





Collaboration: Whiteboard.fi

Instant Access

Setting up a new class whiteboard is lightning fast! No registration or logins needed!

Device Independent

Works on any device - no installation or downloads needed.

Privacy

No personal information is collected, stored, or shared with third parties. Everything is deleted after the room is closed.

Access Control

You have full control of who enters your room by using the waiting lobby. There is also an option to lock your room after your class has started, preventing new users from joining.

Live Overview

Ask a question, and let the whole class answer by using Whiteboard.fi. This way you will activate the whole class, and everybody gets the opportunity to answer!

Versatile Tools

Insert images, backgrounds, arrows, shapes and texts! There are many different, versatile tools available.

Math

Insert math symbols, expressions or equations easily using the math editor, where you can type using a graphical interface or insert LaTeX code.

Save Whiteboards

You can easily save all your student whiteboard images as a PDF file that can be saved locally to your device.

Whiteboard.fi - Science

Sam thomp

glucose is a sugar that gives energy

plants store glucose in the leaf

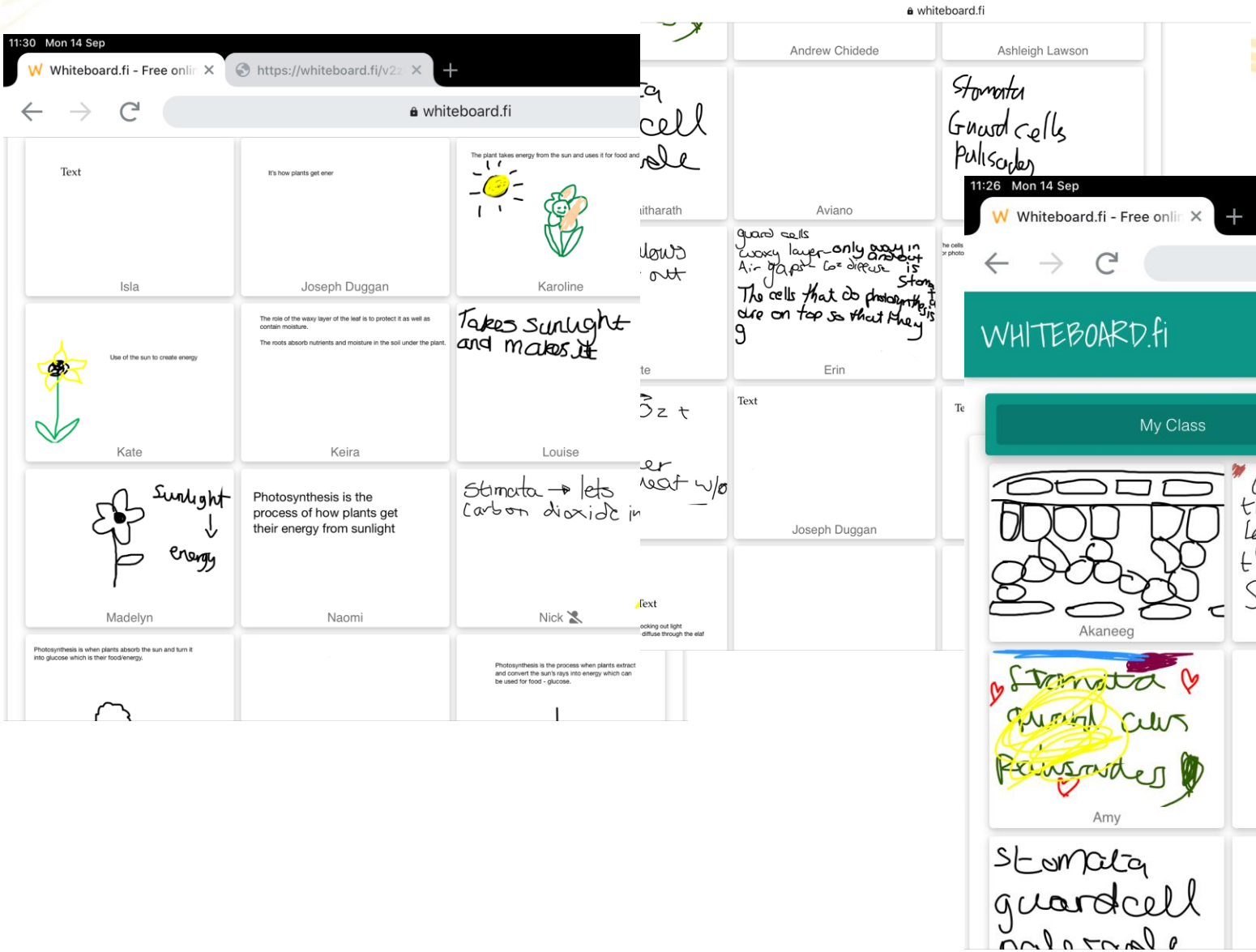
Isabelle

Glucose is sugar that plants make as their energy
Plants store glucose in their leaves
If it contains starch and you put iodine on it and it turns black.

Pearl

) Glucose is sugar
) It is stored as starch in leaves
)We can tell if a plant has been photosynthesising as jts green

Teacher view



Assessment for learning

Write numbers next to each statement and put them in the correct order

impulse passes along the relay neurone within the spinal cord	6
electrical impulse passes along the sensory neurone in the leg	4
pain receptors in the skin of the foot are stimulated	1
impulse stimulates the effector (muscle) to contract	3
foot moved away from the object that caused pain	
impulse passes along the motor neurone in the leg	

Convert volumes from cm^3 to dm^3 and vice versa
Calculate the concentration of solutions in g dm^{-3}

Concentration Calculations

- Starter Activity – Answer the exam question

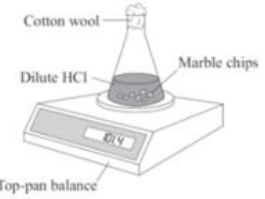
1 A student investigated the rate of reaction between marble and hydrochloric acid.

The student used an excess of marble.

The reaction can be represented by this equation.

$CaCO_3$ (s) + 2HCl (aq) → $CaCl_2$ (aq) + H_2O (l) + CO_2 (g)

The student used the apparatus shown in the diagram.



The student measured the mass of the flask and contents every half minute for ten minutes.

How could you determin amount of carbon dioxid that is produced during reaction? (2 marks)

After the reaction finished weigh hov much of the soluti is left then subtrac from how much w in the original solution and that be the amount of carbon dioxide produced.

the exam question

ic acid.

CO_2 (g)

How could you determine the amount of carbon dioxide that is produced during the reaction? (2 marks)

As carbon dioxide is a gas it will escape through the cotton wool so you could use the initial mass and take away the final mass to see how much carbon dioxide has been produced.

for ten minu

It wont evaporate through the wool - it will escape. Evaporation is a change of state, there's no evaportation here. just CO2 being formed.