







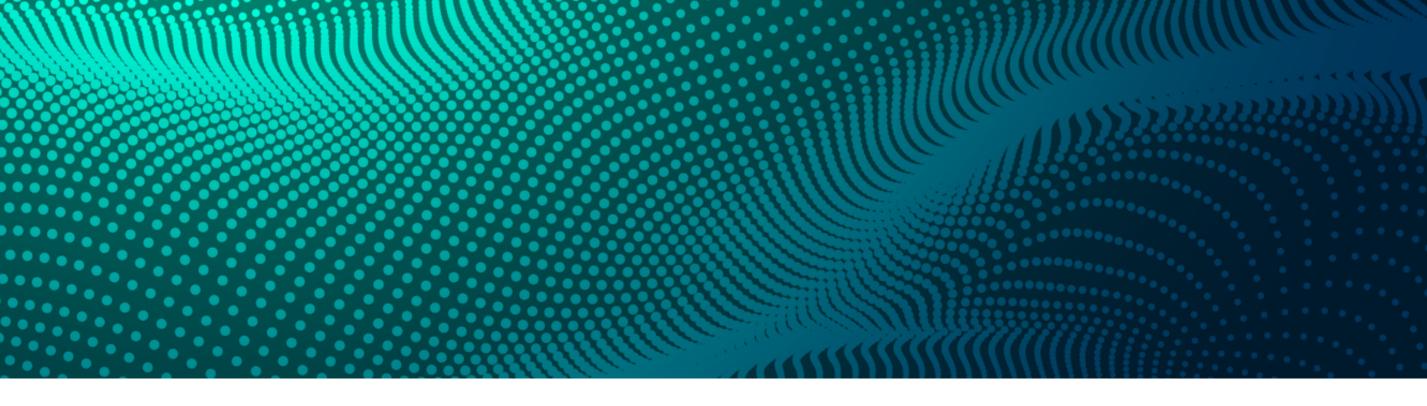




compnow Academy



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Applying the Science of Learning with Technology





Benefits of Technology

- Reduce Cognitive Load
- Scaffold & Sequence Learning
- Alternative methods for Explicit Instruction
- Accessibility & Engagement
- Multimodal Feedback
- Foster Routines



g icit Instruction

Technology has become an integral aspect of our daily lives and we believe it is important that we strike a balance and also provide all learners with the skills to navigate the digital landscape as part of their learning journey.

Today, we'll only touch on a few ideas, but there are numerous ways technology can support the Science of Learning methodologies.





Monitoring Learning & Feedback Apple Classroom



If your school uses iPad or Mac, Apple Classroom is an excellent tool to keep students focused and on track. Apple Classroom offers many features and benefits including the ability to monitor student progress and provide real-time feedback.

Julie Parker - Academy Solutions Specialist



"Providing systematic feedback and corrections is crucial for student learning."







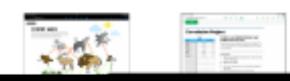
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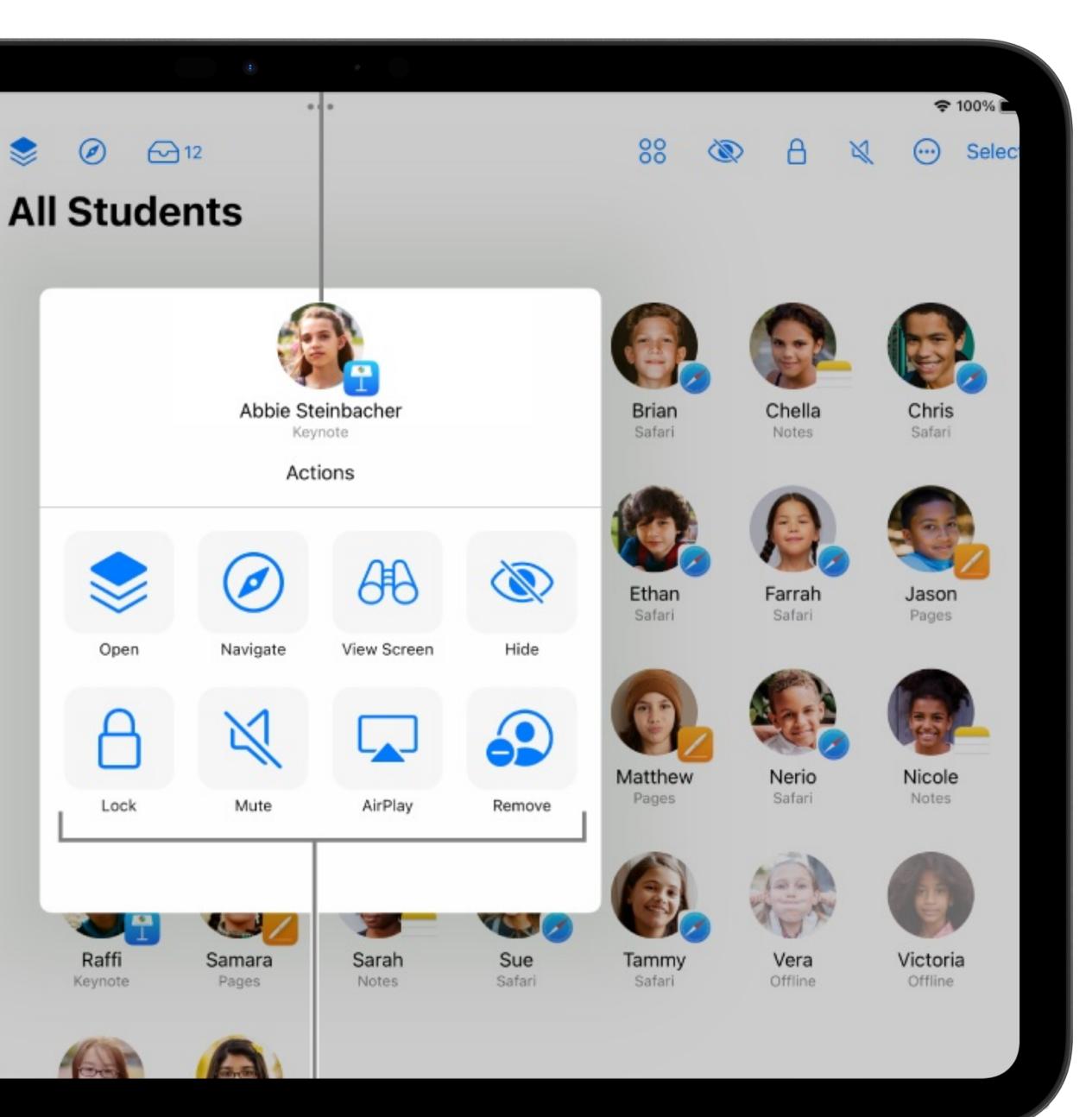
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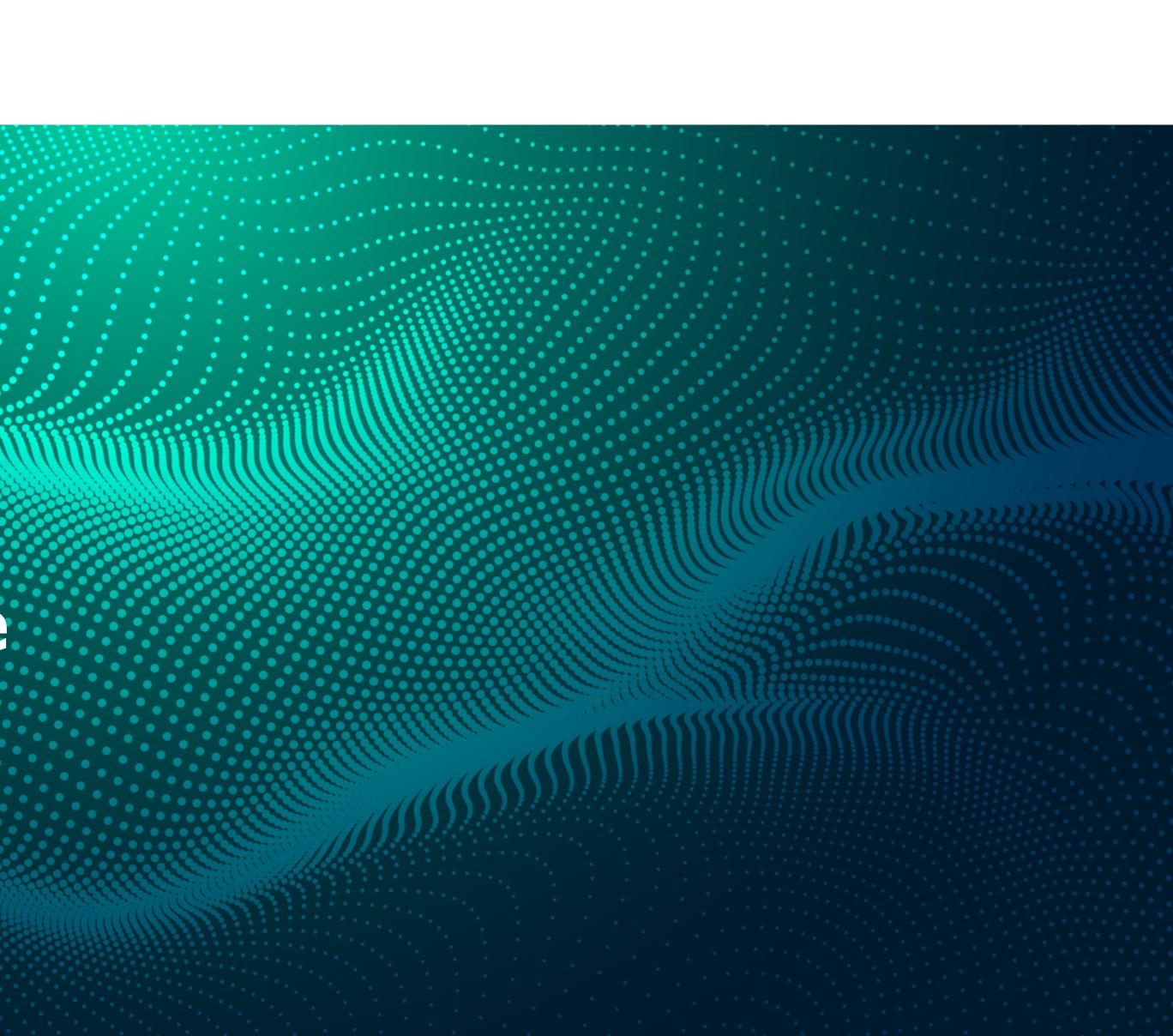
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- View students progress in real time
- Take Screen Shots, annotate work and share back via Airdrop
- Capture whole-class screens to provide collective feedback
- Share student screens to the class for collaborative peer review or modelling examples of learning
- Group students for differentiation
- Launch applications & websites, share documents to whole class at once.
- Lock devices for transitions or class discussions
- View student activity at end of the lesson





Daily Review Apple Classroom & Keynote



Daily reviews and check ins are the practice of consistently revisiting and reinforcing previously learned material daily or often.

This strategy helps solidify information, deepen understanding and retention of knowledge over time.

Keeping what you have learned fresh in your mind and in turn, making it easier to apply that learning in the future.

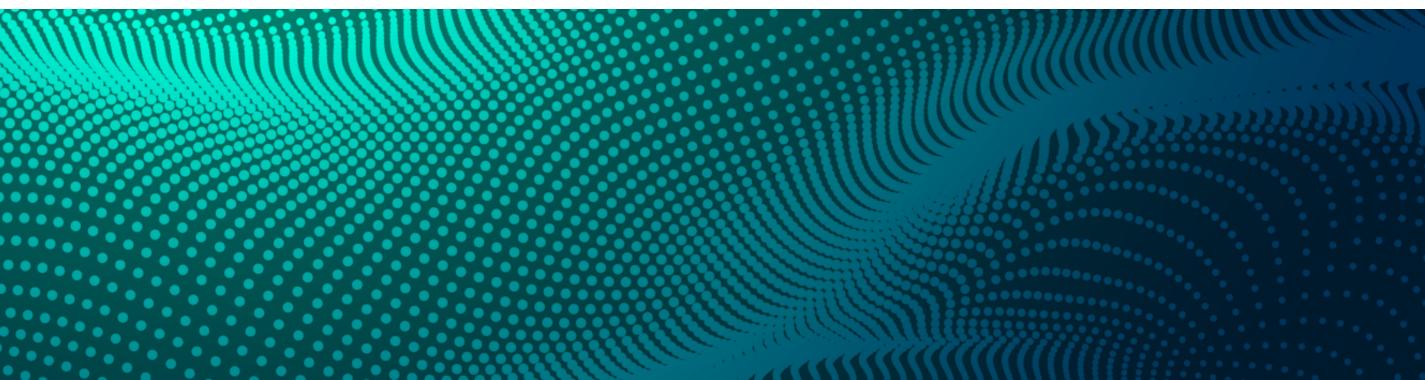
Daily reviews and check ins are also a powerful form of formative assessment ensuring that we as teachers know and understand where we are hitting the mark and what we need to plan to revisit.





"Daily review can strengthen previous learning and can lead to fluent recall."





Technology can significantly enhance and streamline these processes, making them more efficient, engaging, and personalised.

By utilising digital tools, learners can stay consistent with their review routines and when used well can receive immediate feedback.

Terese Griffith - Academy Learning Specialist









Choice



Traffic Light

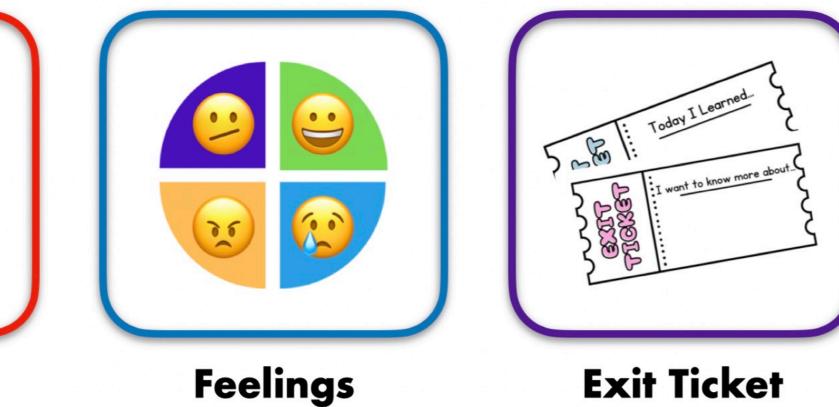




True/False



Whiteboard



Exit Ticket

the retention of learning through spaced repetition, immediate feedback, and the enablement of personalised learning.

N. Zaibout, M. Madrane, L. Khamlichi, M. Laafou, 2024

Using technology for daily review and formative assessment supports





DUG COCENC Freeform



Freeform is a versatile tool where teachers and students can gather ideas freely, collaborate with others and get creative with the drawing tools. It is a great space to enhance learning through dual coding. Dual coding, which combines words and images, offers several benefits in learning.

Dual Coding improves retention and recall by presenting information both visually and verbally, helping students remember better.

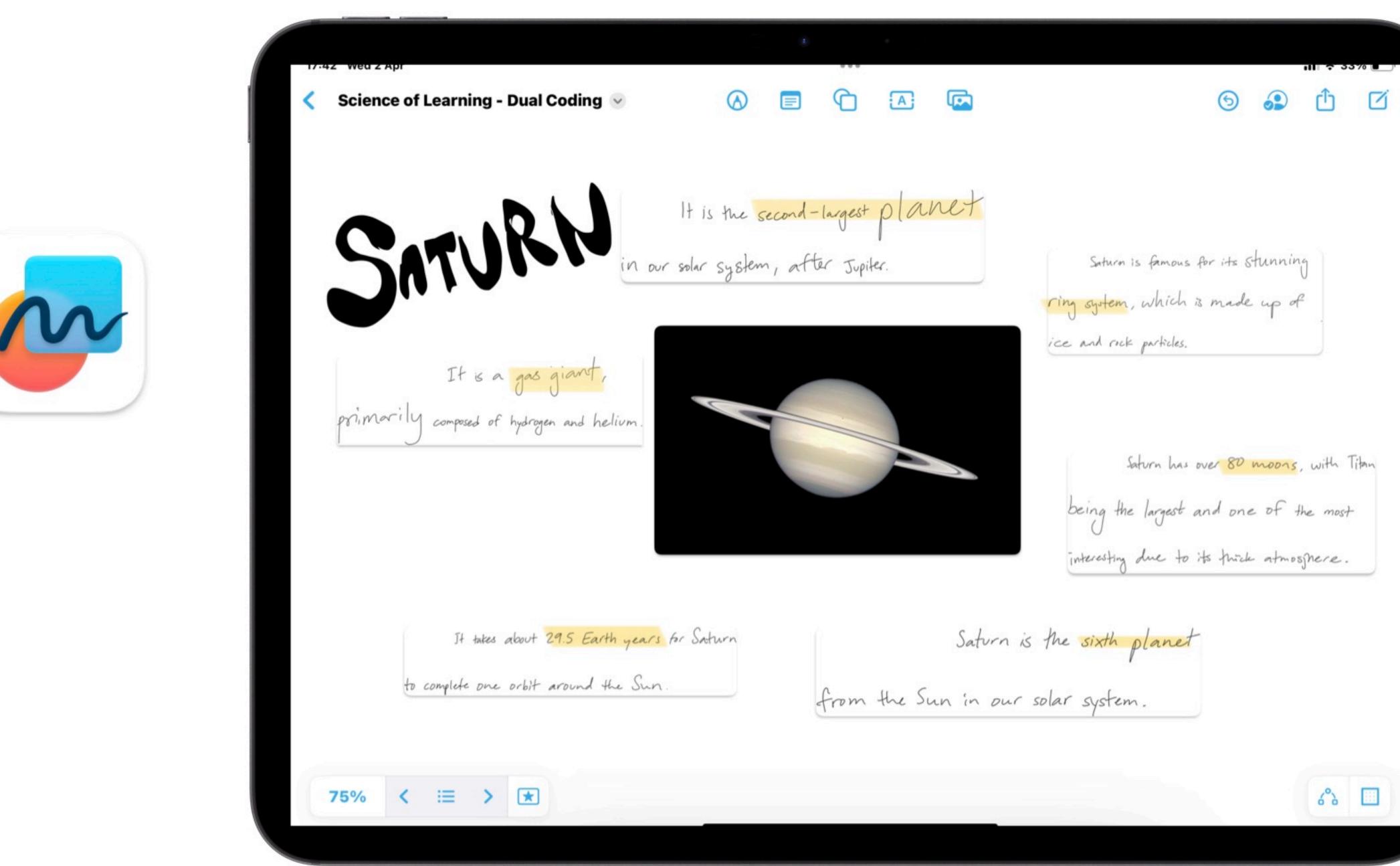
Well-structured visuals, reduce cognitive overload making it easier to absorb and retain information.



"People learn more deeply from words and pictures than from words alone."

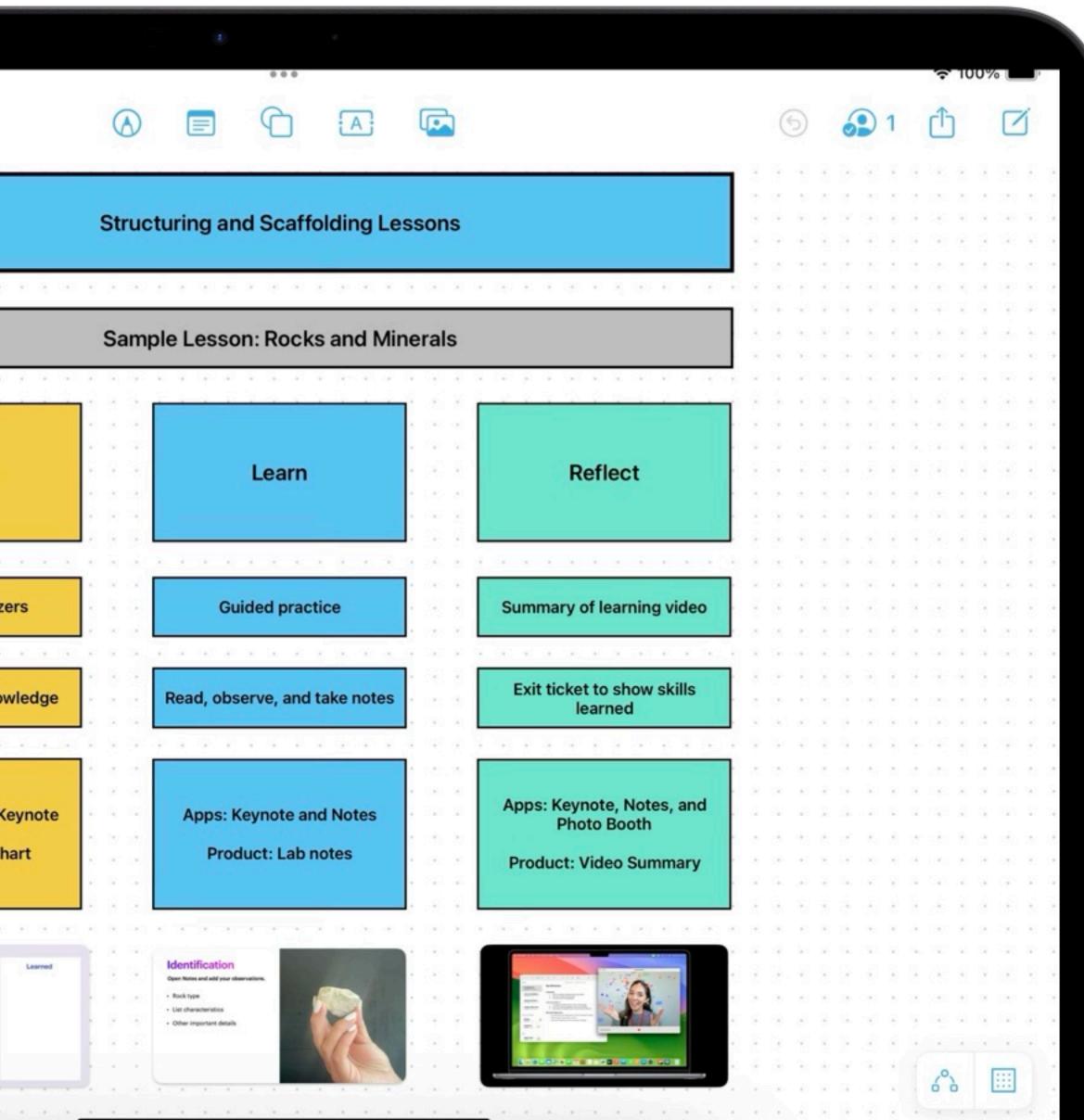
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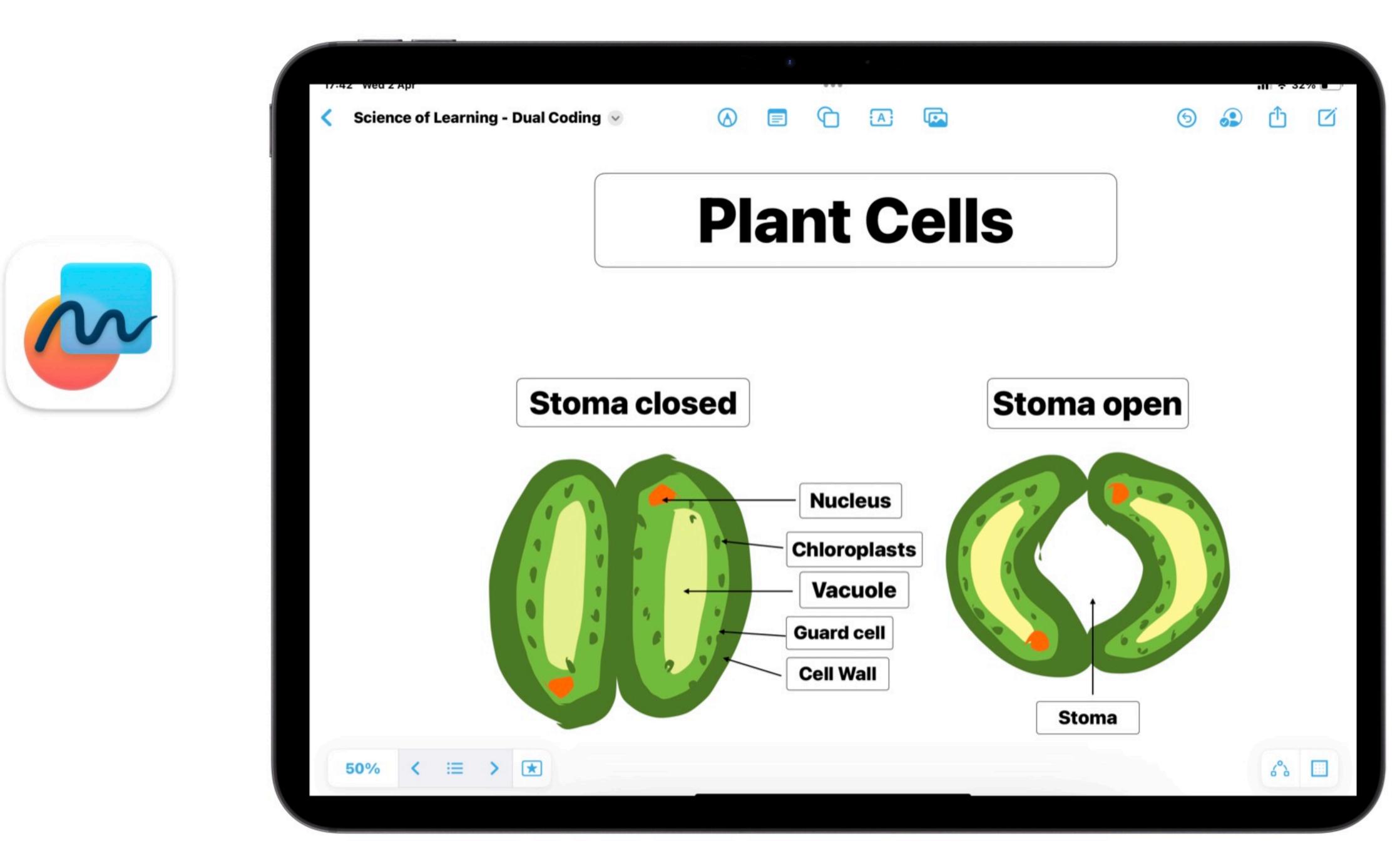


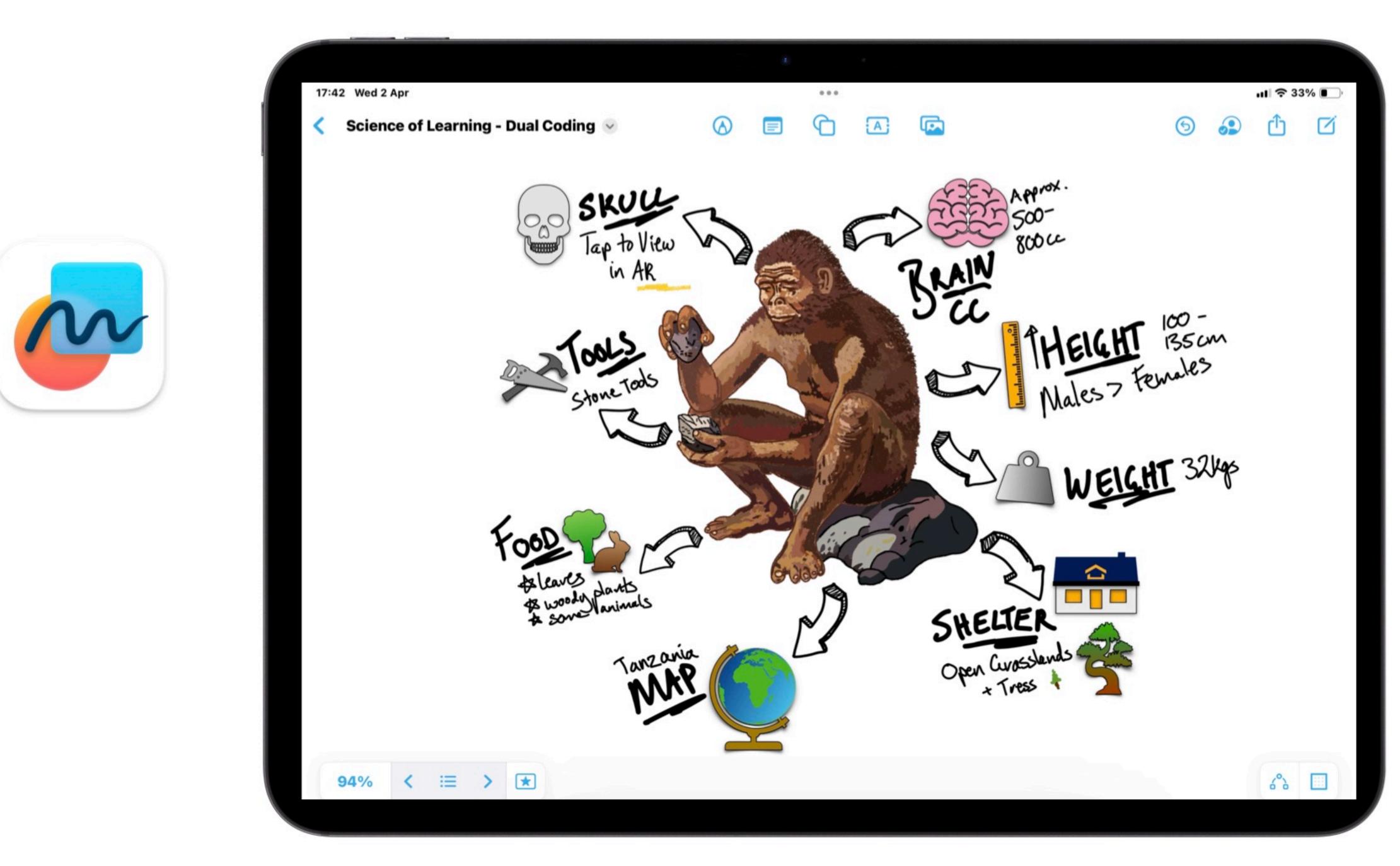


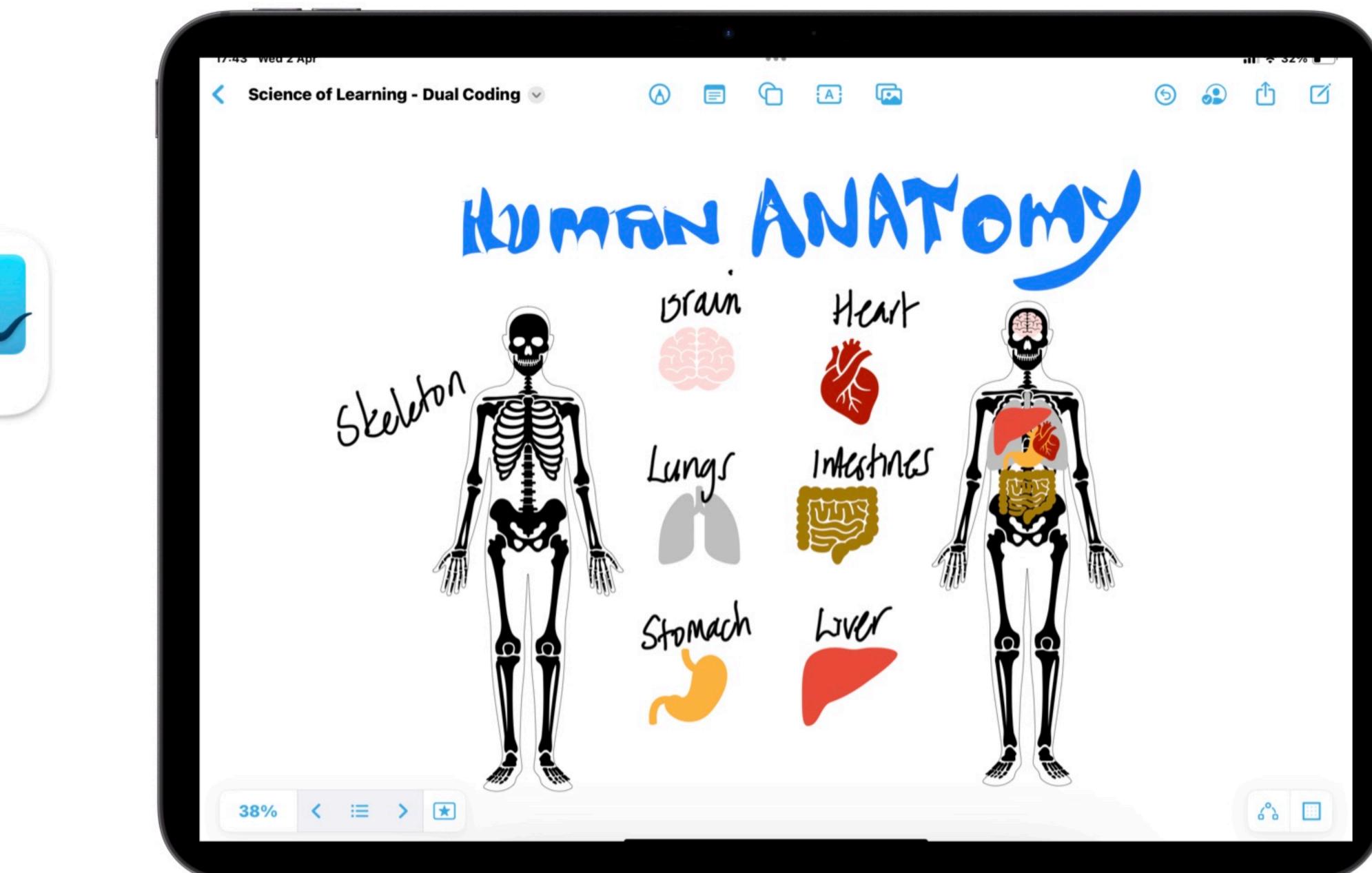
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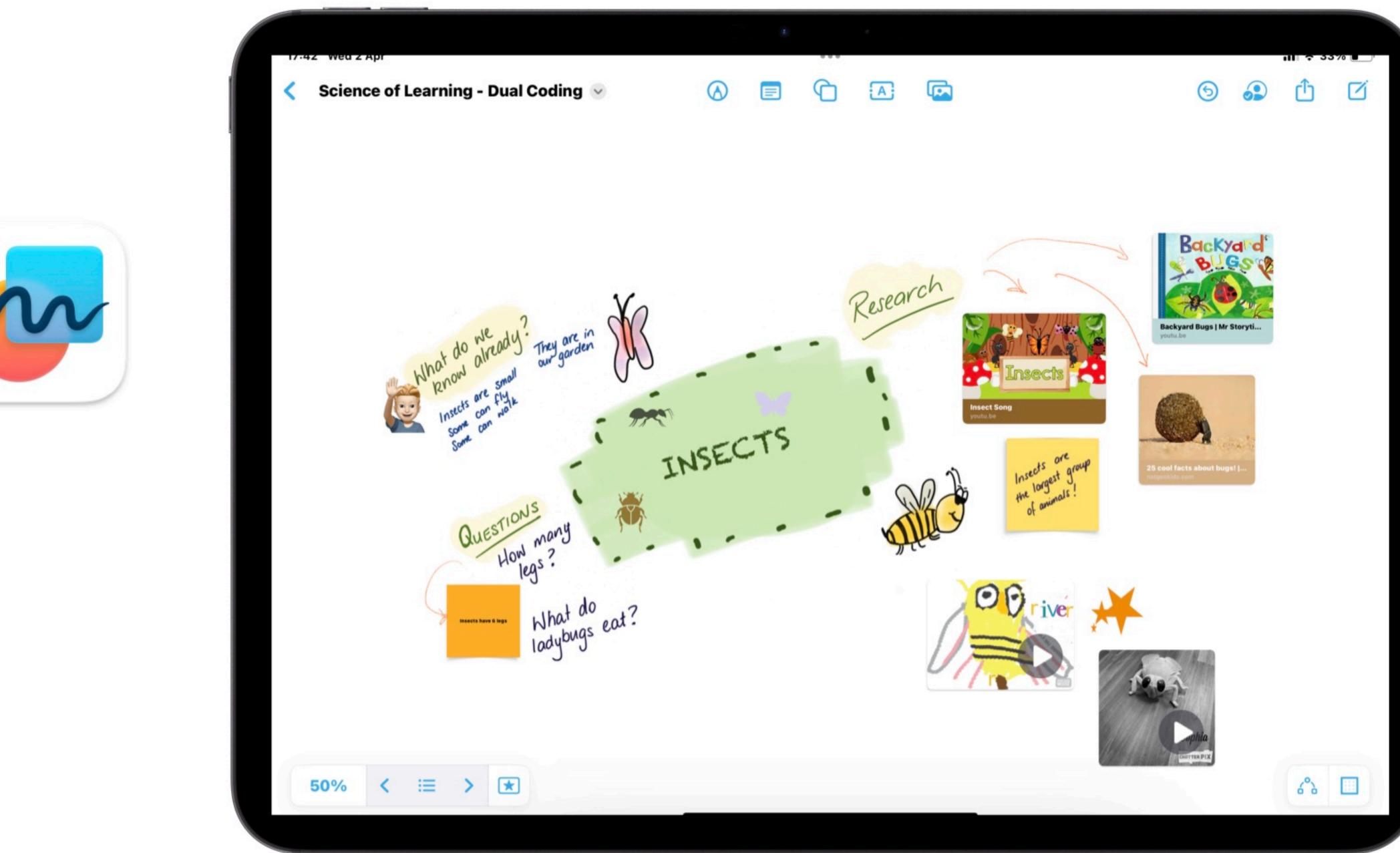




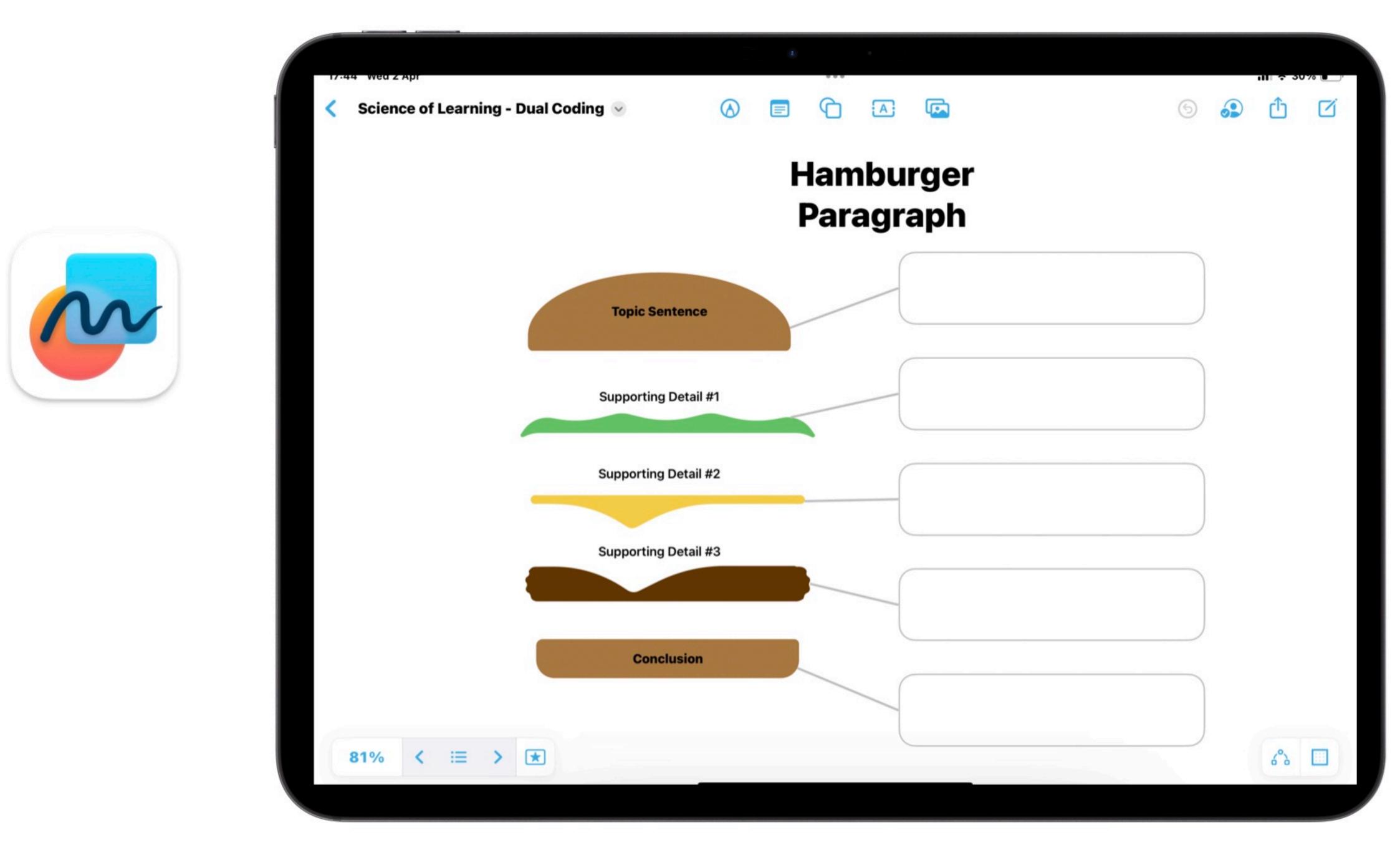


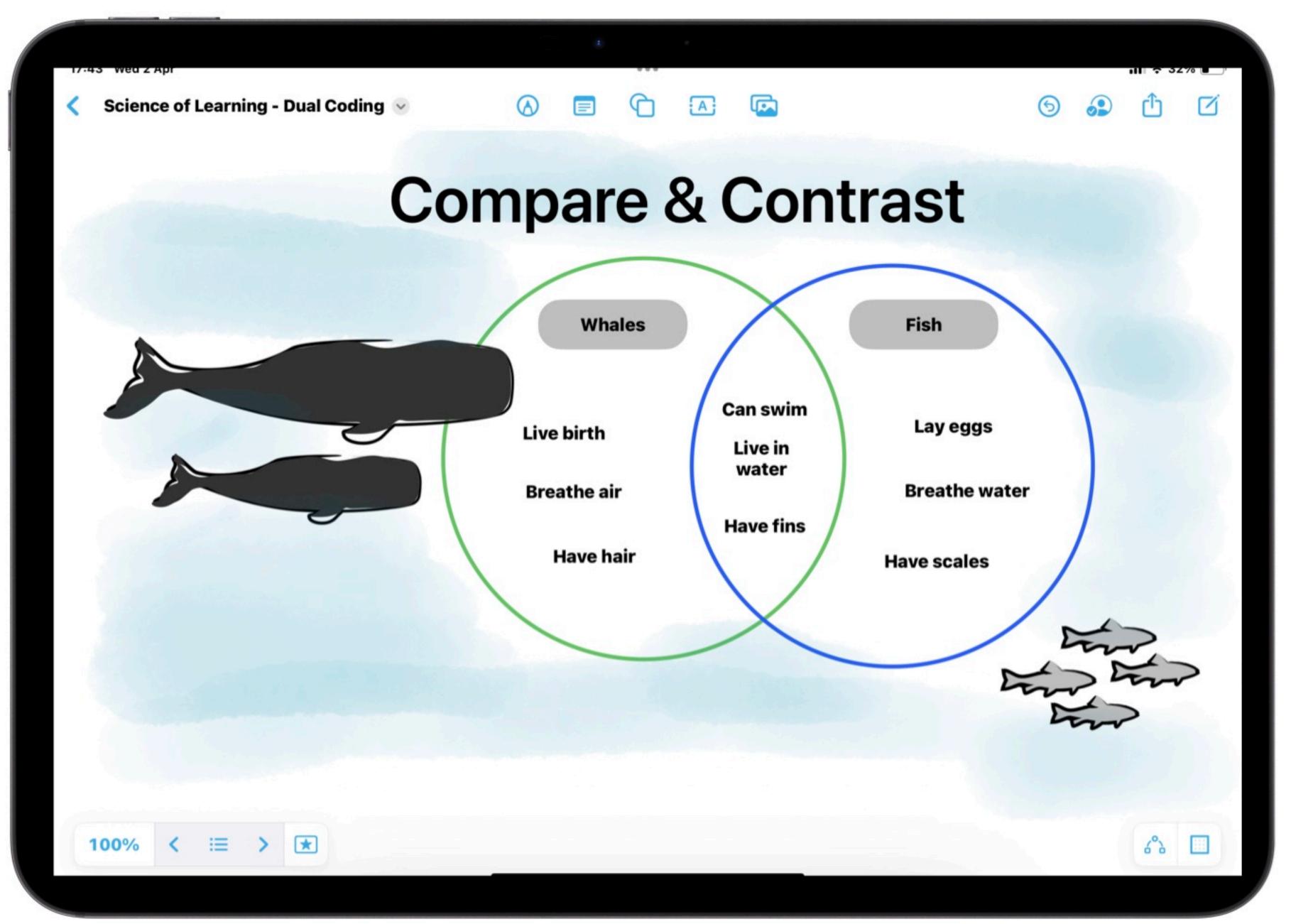




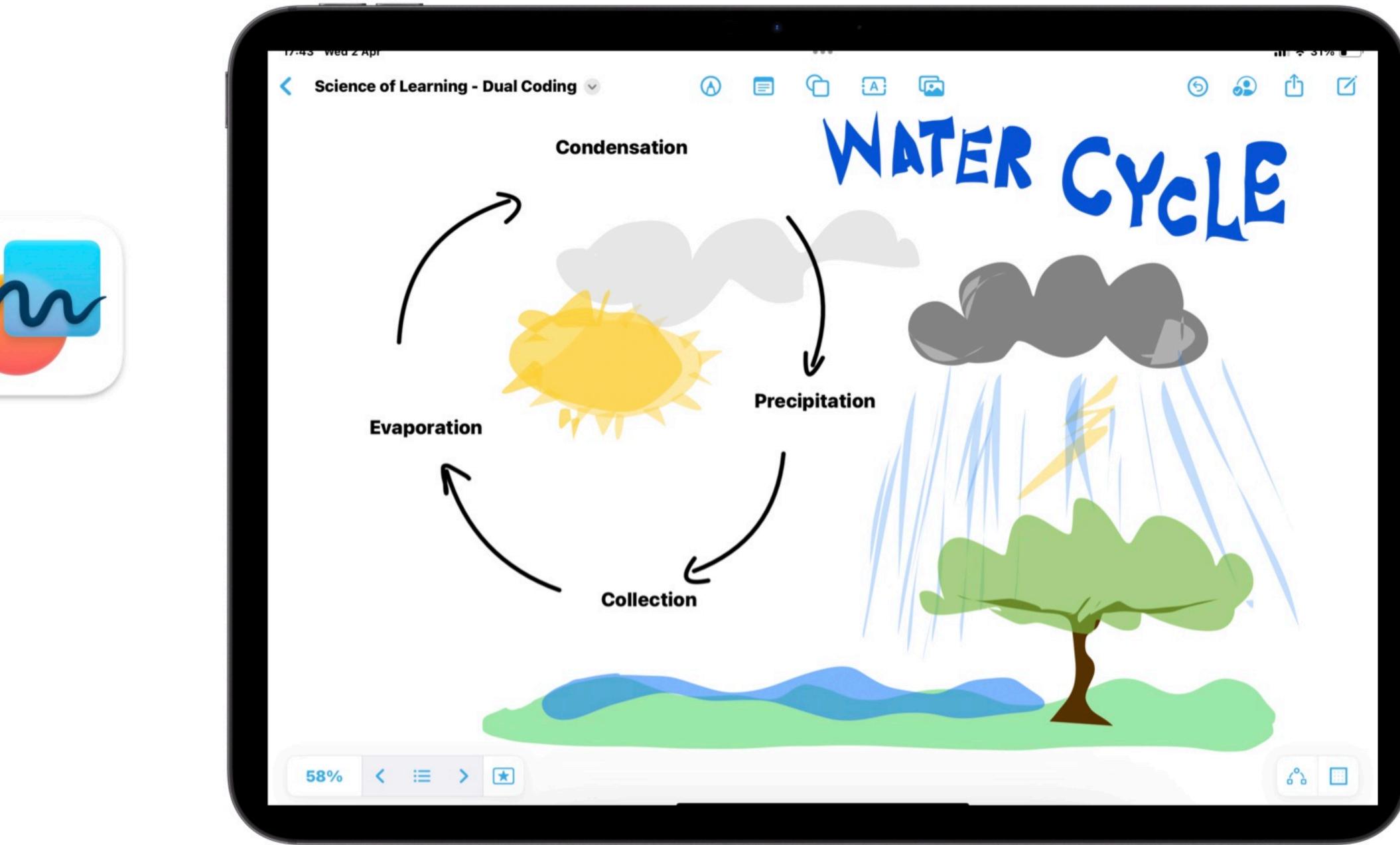




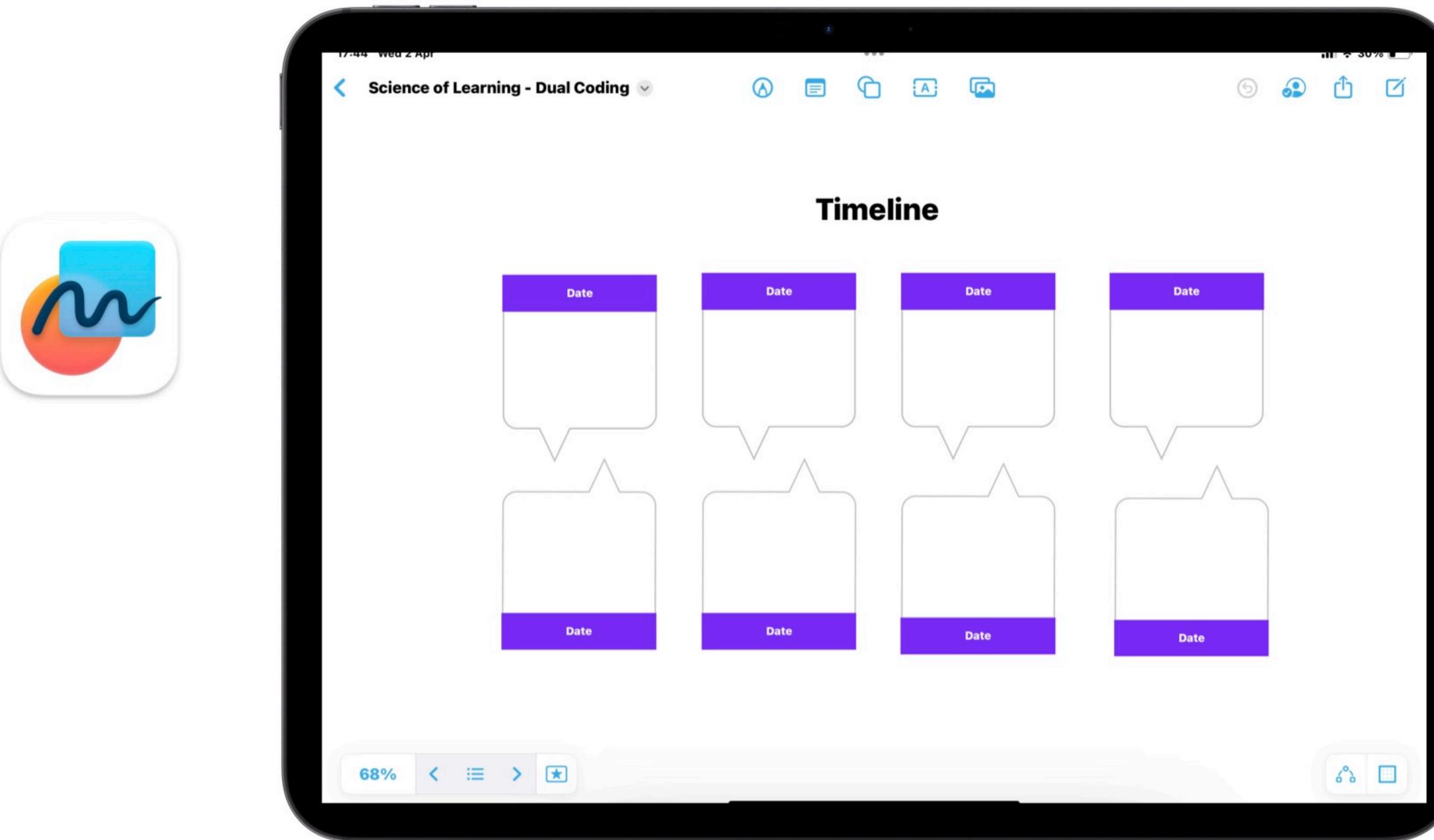


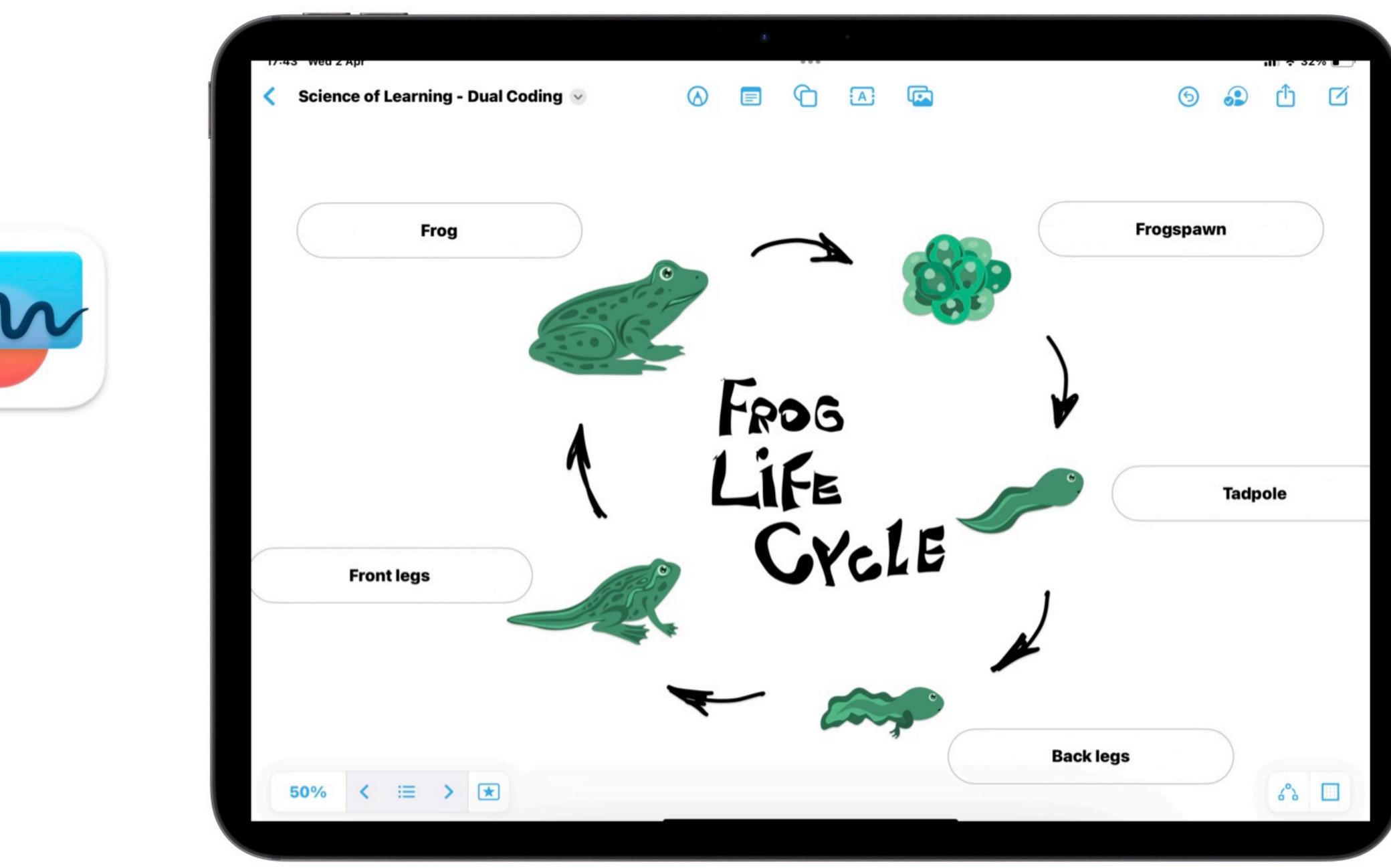




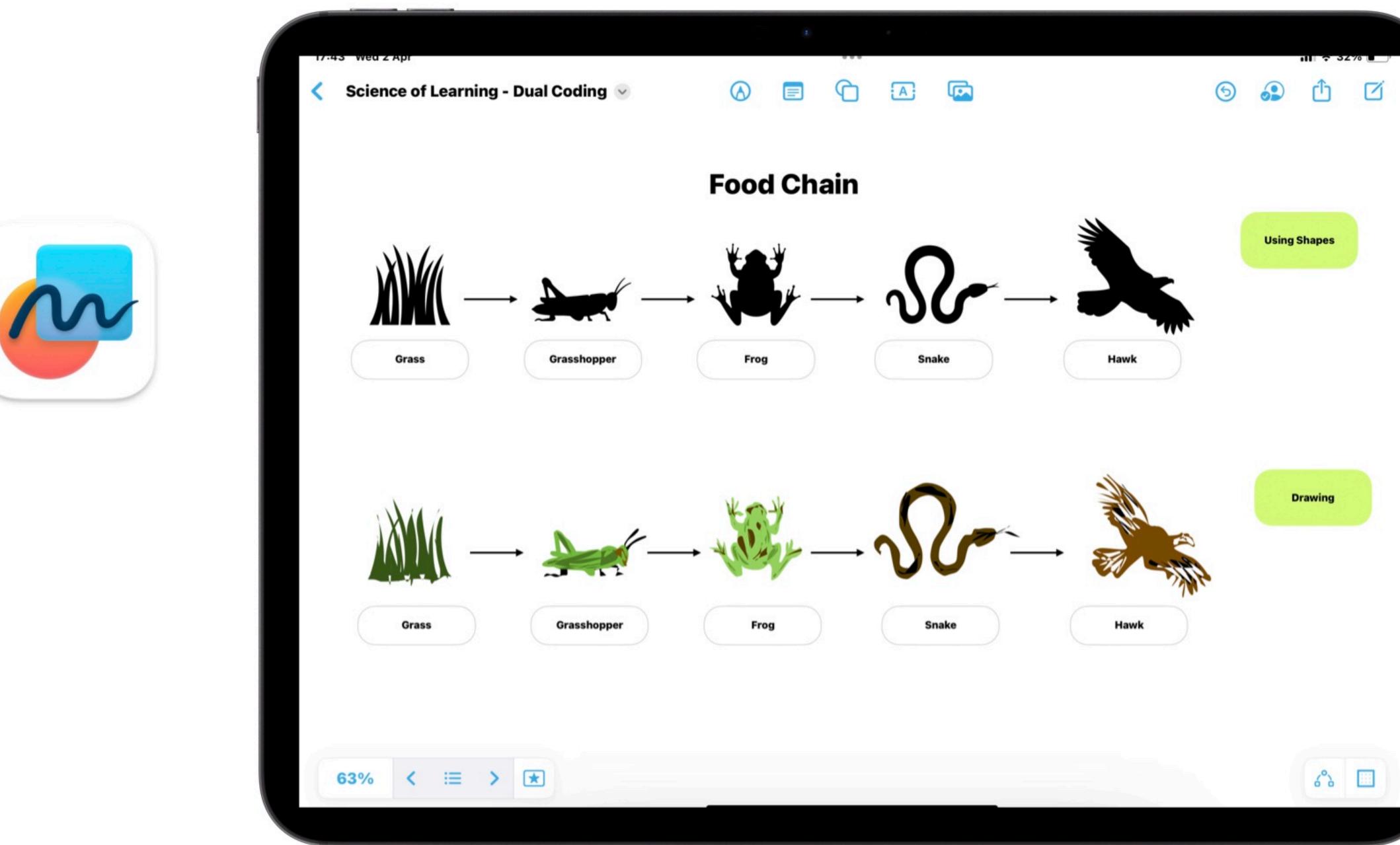


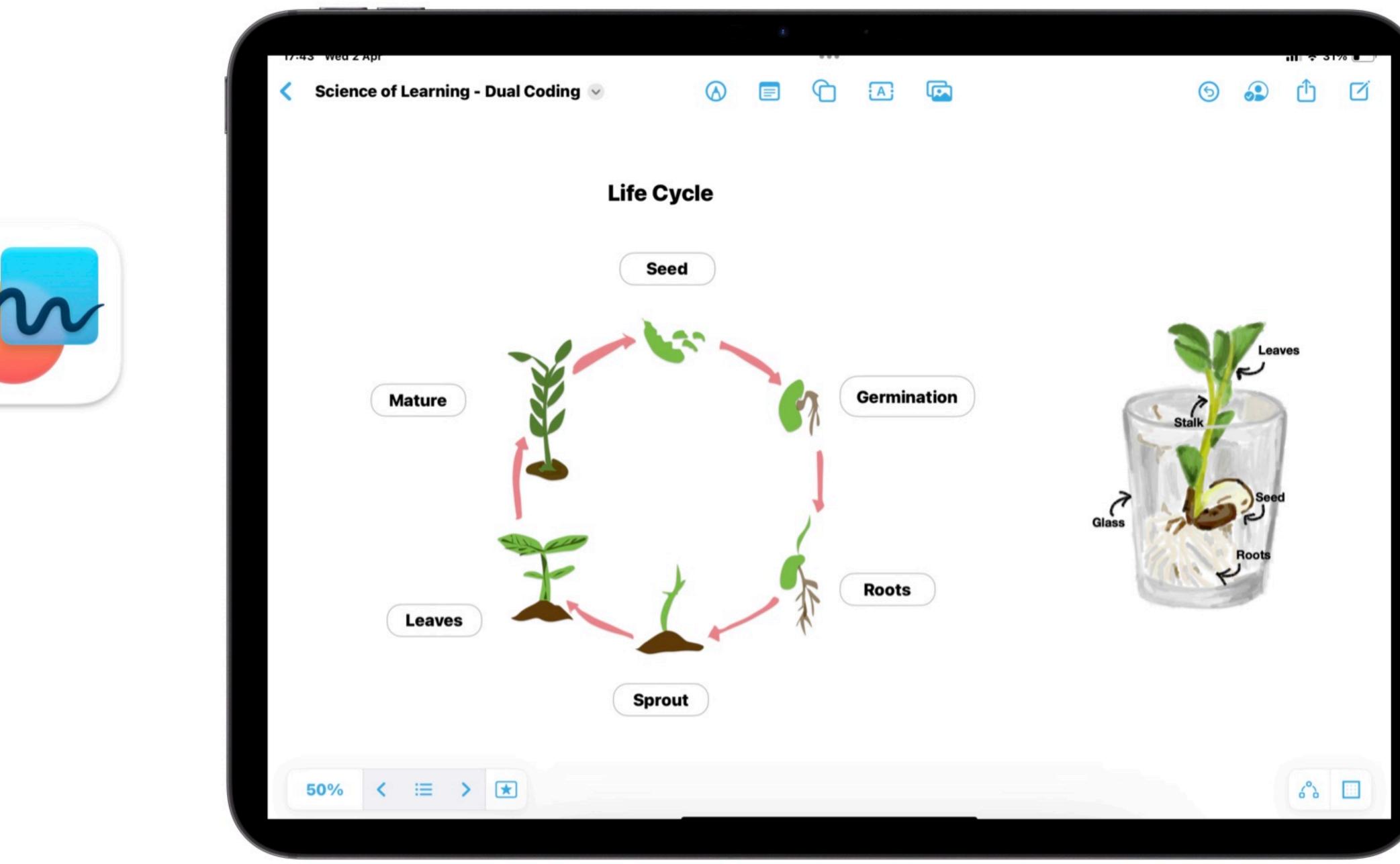








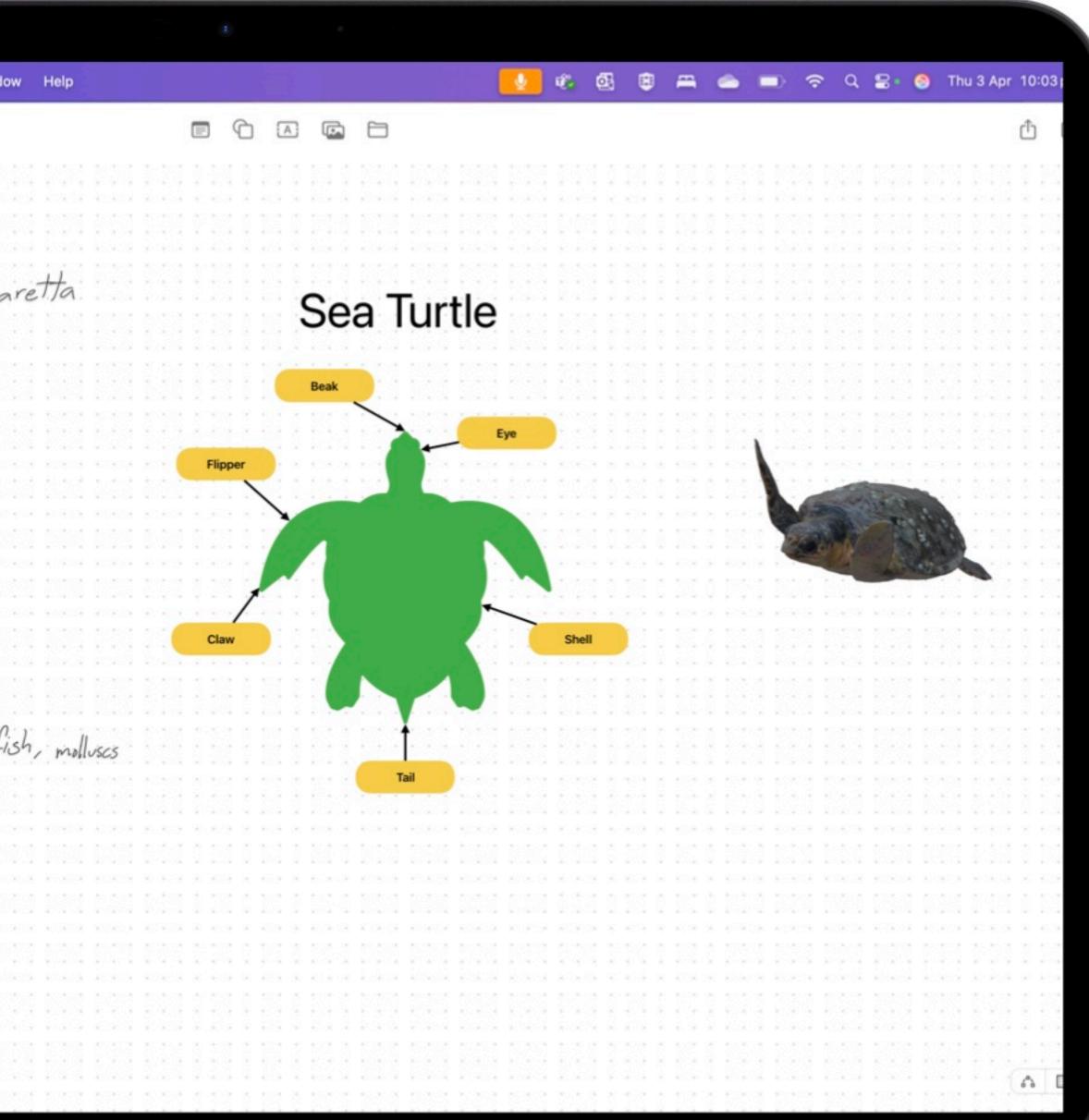








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Freeform app provides an endless space to create 'Boards' for brainstorming, collaborating, lesson planning or scaffolding learning experiences. You can draw, add text and use a wide range of predefined shapes, add photos, videos and other types of files to make it a truly multi-modal resource that caters for multiple learner 'entry levels'. Graphic organisers, infographics, timelines, and diagrams are easy to create visually to support learning, retention, and retrieval of information.

For teachers, Freeform offers a dynamic platform to create engaging content that combines text and visuals, making complex concepts easier to understand. For students, it provides an intuitive space to create their own visual aids, helping them to better process and retain information through drawing, annotating, and organising their thoughts visually.

The Freeform canvas expands as you add content, so you're never constrained by space limits or page formatting and a new features 'Scenes' helps to focus on particular areas of the canvas as required.







Followup Resources



Scan QR code



