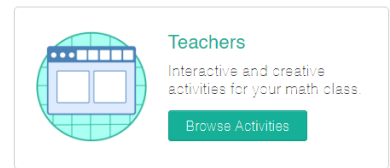
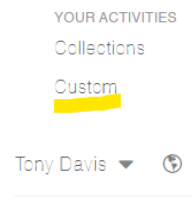


How to make a card sort activity using Desmos

1. Go the *Desmos* website: <https://www.desmos.com/> and create a free account.
2. Click on 'Browse Activities' in the 'Teachers' section.



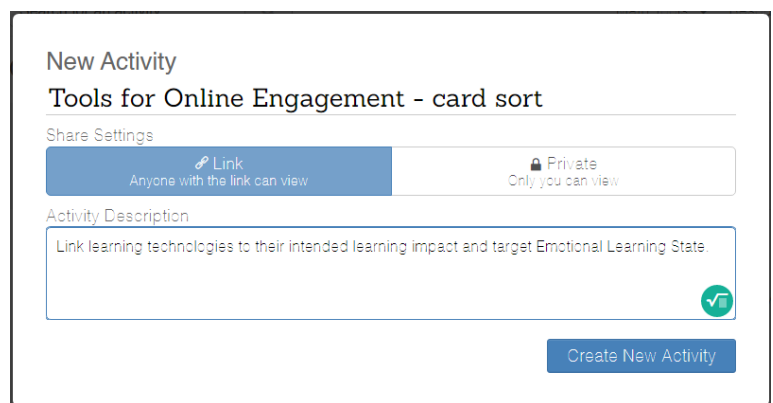
3. In the left-hand vertical list of options, click 'Custom' under 'Your Activities'.



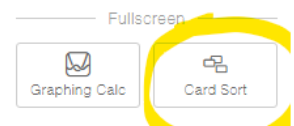
4. Click on 'New Activity' in the top right-hand corner.



5. Add a title and description, leave the share settings at 'Link', then click the blue 'Create New Activity' button.



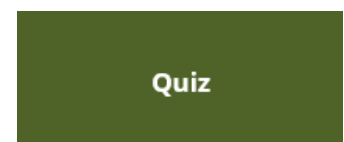
6. Select 'Card Sort' in the left hand menu of options.



At this point you have a decision to make: to simply type in the text for each card, or to use images you've created in another program. The advantage of the latter is that you can use formatting and colour to aid the task. These cards were produced in Microsoft Word. The Windows 'Snip tool' was then used to create png images of each card. I recommend using a numbering system to keep track of your cards (as show below).

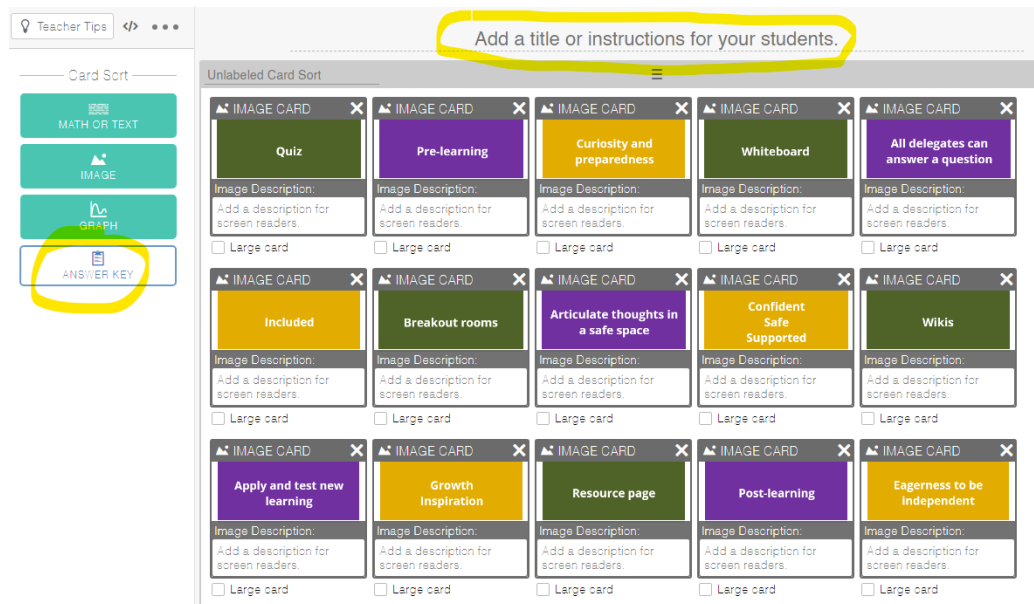
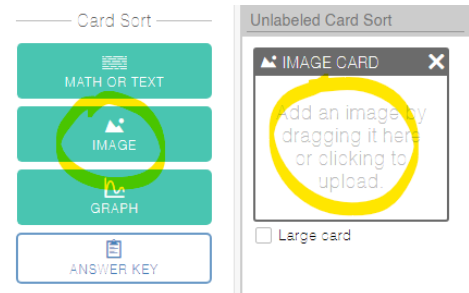
Technology	Intended learning impact	Target Emotional Learning State
Quiz	Pre-learning	Curiosity and preparedness
Survey	Pre-learning	Curiosity, preparedness & commitment
Breakout rooms	Articulate thoughts in a safe space	Confident Safe Supported
Wikis	Apply and test new learning	Growth Inspiration
Resource page	Post-learning	Eagerness to be independent

1.1 Quiz

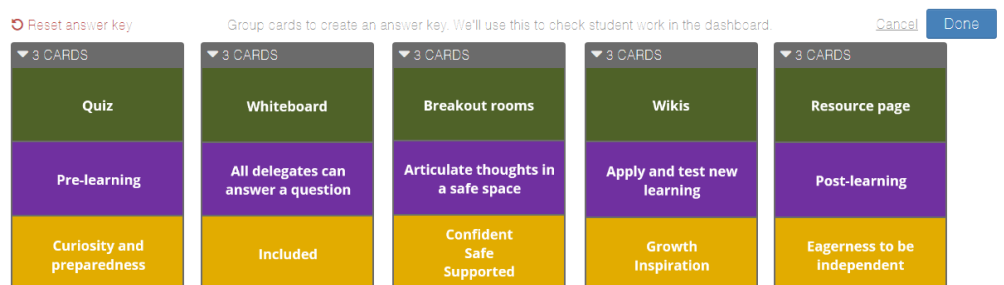




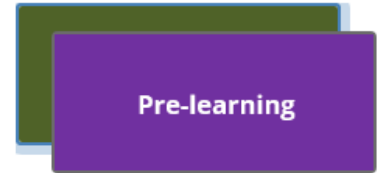
- Back in Desmos, click 'Image' from the left-hand menu, then click in the middle of the 'Image card'. In the 'Open' window, navigate to where you have saved your card images and select one card at a time. Repeat for each card.
- Next, add a title and/or brief instruction for your learners.
- Then click the 'Answer Key' button.



- (This can be tricky at first.) Assemble the cards (vertically) into the correct answer groups. This is what it looks like when finished:



11. To achieve this, grab the 'middle' card (the violet one of a correct answer grouping) and hover it over the 'top' (green) card. You'll see a blue shadow appear around the 'top' card when it is ready to snap. Let go of the 'middle' card and the two will snap together.

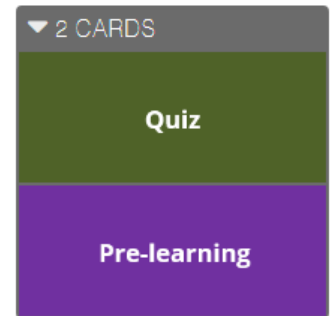


12. Repeat this with the 'bottom' (gold) card, and you will have completed the first 'correct answer group'.

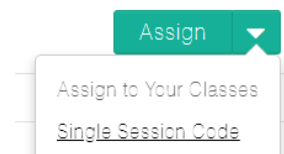
13. Repeat for all other groupings

14. Click the blue 'Done' button in the top right-hand corner.

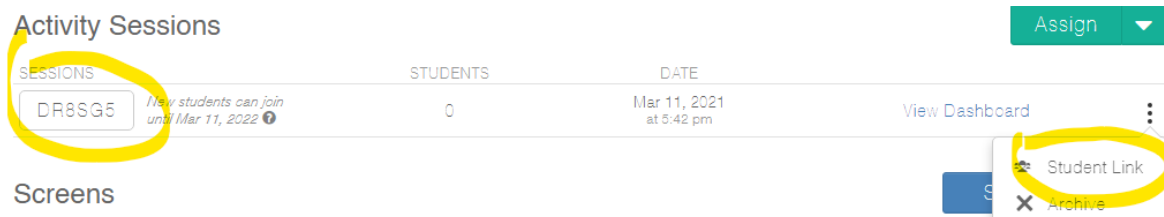
15. Finally, click 'Publish' in the top right-hand corner.



16. Next, you need to generate a link and a code so that learners can access the activity. To do this, click on the Assign button and then select 'Single Session Code'. Decide whether you want the activity active for a couple of days up to a year (I go with year, even though it recommends you don't). Then click the 'Create Invitation Code'.



17. You now have the code, and if you click the 'Student Link' text you'll also be given a URL.



Hey, students!
Go to student.desmos.com
and type in:

DR8 SG5

You can also share this invitation link with your students:

<https://student.desmos.com/join/dr8sg5> Copy

Have all students joined this class?

[Deactivate this invitation code](#)

This prevents additional students from joining.
You can also deactivate the code.

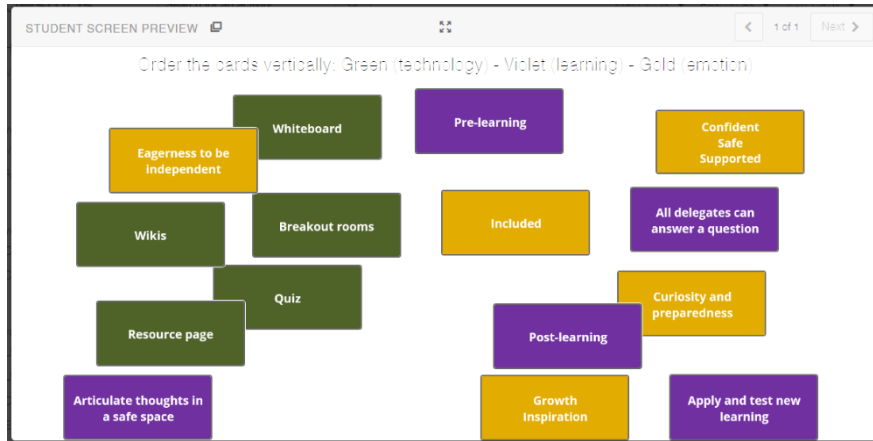
Do additional students need to join the class?

New students can use the code to join until
Mar 11, 2022.

18. Copy the link and send it in an email, paste it into the Zoom chat window, or use it as a link on a webpage, as here:

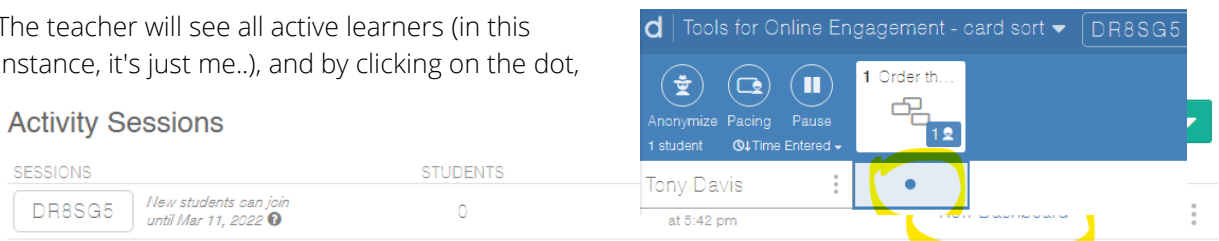
19.

20. When a learner clicks on the link, they will each see a different randomised version of the cards.



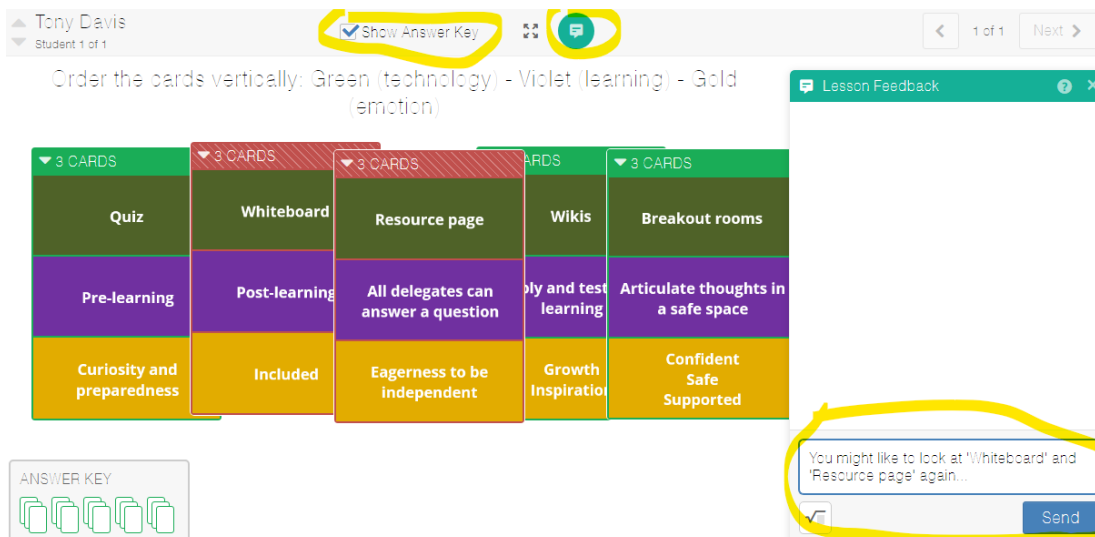
21. While they are completing the task, the teacher can monitor how they're getting on by clicking the 'View Dashboard'.

22. The teacher will see all active learners (in this instance, it's just me..), and by clicking on the dot,



they will be able to see the learner's cards, both as they're working on them, and when they've finished.

23. If the teacher then clicks 'Show Answer Key', they can see which card groups the learner has assembled correctly.



24. By clicking the green chat icon, they can then offer a little advice if there are issues...

The code for the *Tools for Online Engagement* card-sort activity is DR8SG5 and the URL can be found here: <https://student.desmos.com/join/dr8sg5>