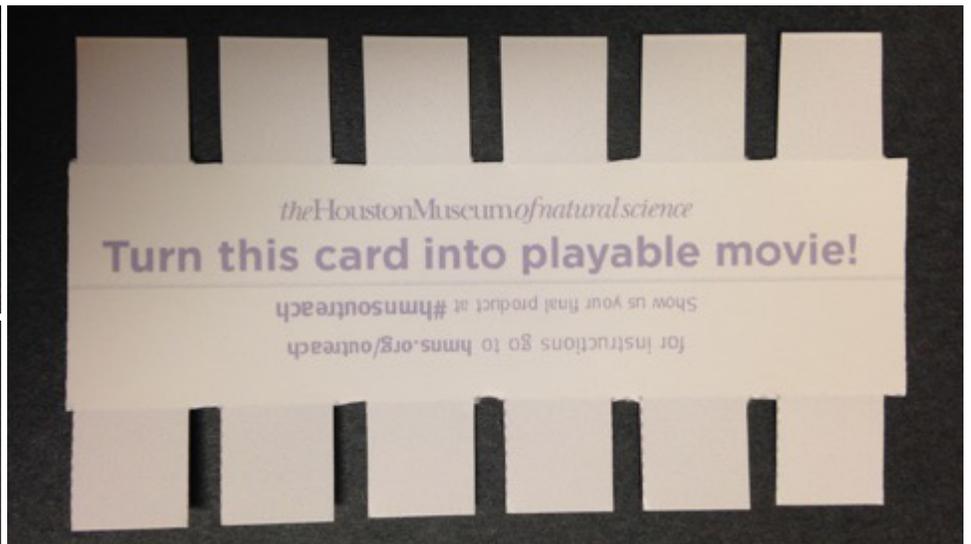
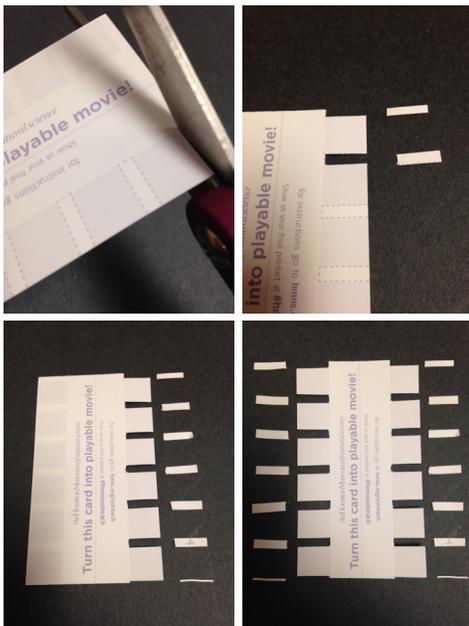


WHAT YOU NEED

- Activity Card
- Something to color with
- Scissors
- Any straw
- Pencil
- Tape
- Disposable cup lid that has a hole for a straw in the center

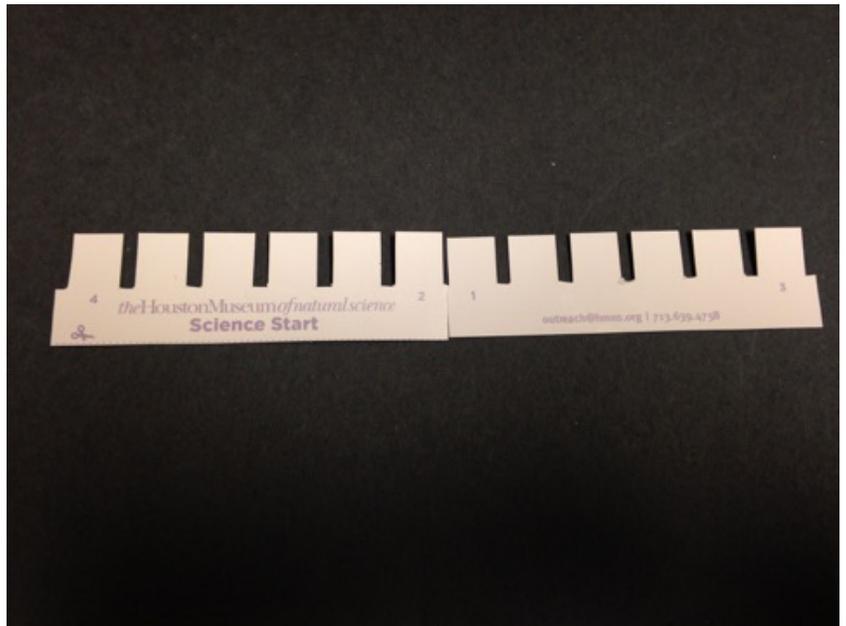


Cut out the small tabs between the grey boxes. Make sure to pull the tabs off, but leave the boxes on the card. Do not forget to cut off the tabs on the very end of each side. You will not need the thin tabs once they have been removed.

STEP 1

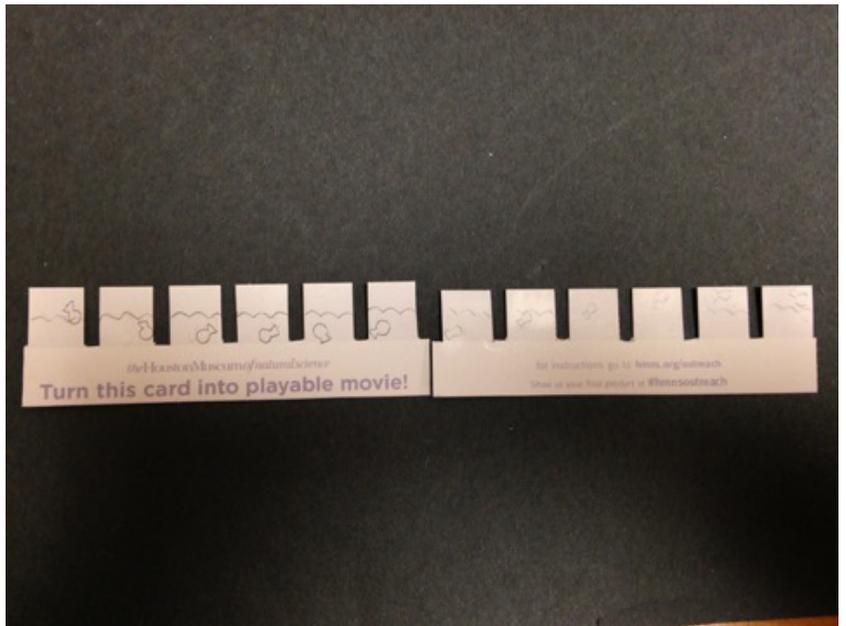
STEP 2

Cut the center line of the card to divide it in half. Once you have done this, lay your cards side-by-side so that numbers 1 and 2 are touching and tape these sides together.



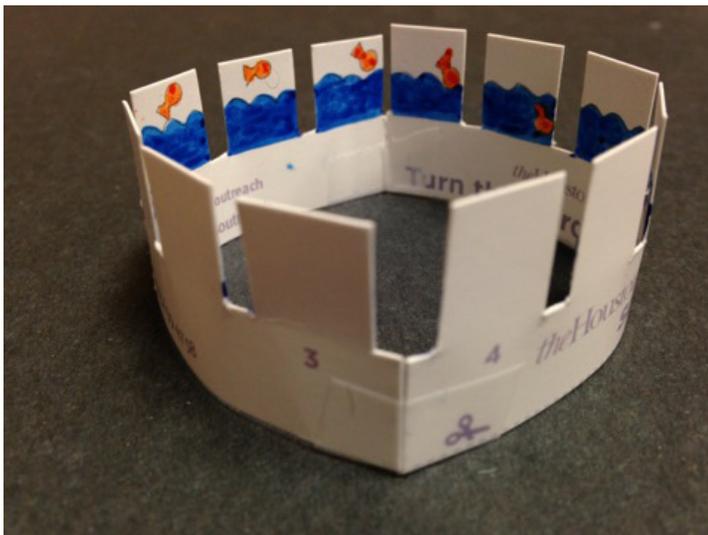
STEP 3

Lightly sketch out your movie. Since this is small, the movie will need to be simple, like a bouncing ball or a stick figure running. Your picture should barely change from frame to frame, so the movement is subtle. The pictures on the ends (on sides 3 and 4) should be almost the same so the movie will look continuous.



STEP 4

Color your cartoon in. colors should be bold and contrasting, so the eye will easily distinguish them apart. For instance, blue and orange have a lot of contrast, but blue and green do not. It would be better to make a blue and orange cartoon than blue and green.



STEP 5

Tape sides 3 and 4 together, side by side, so the paper forms a circle. Do not worry if it is not a perfect circle, this will be fixed on the next few steps.

STEP 6

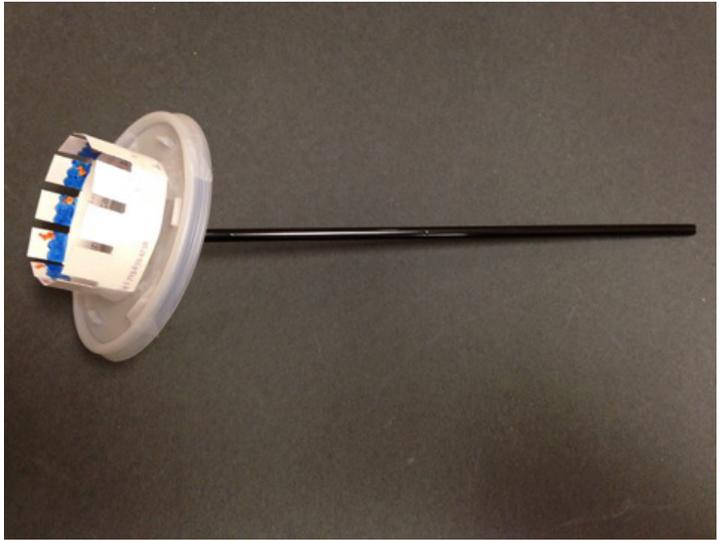
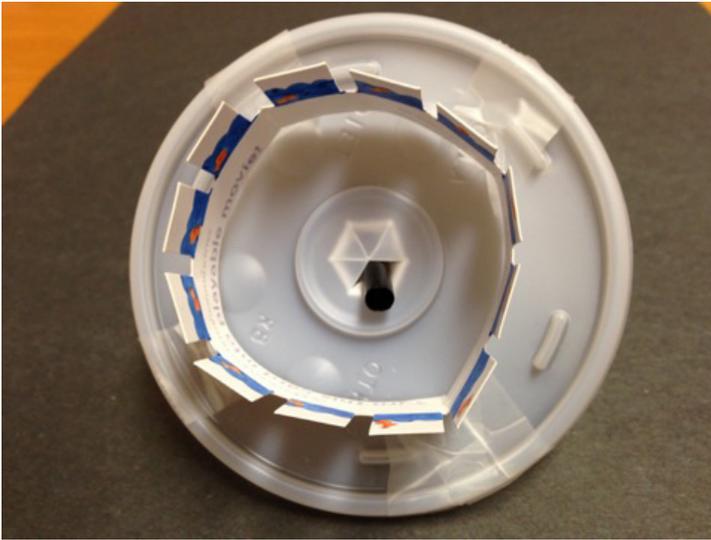
Center your paper circle on the lid and tape the numbered edges onto the lid. Your lid may crack a bit at this step if you press too hard while sticking the circle down; if this happens it can just be taped together. It will not affect how the movie plays.



STEP 7

If your paper is still not very circular, you may wish to add more tape between the places you've already taped to fix up the shape.





STEP 8

Insert the straw into the lid of the cup so it sticks out of the top only about $\frac{1}{2}$ of an inch.

STEP 9

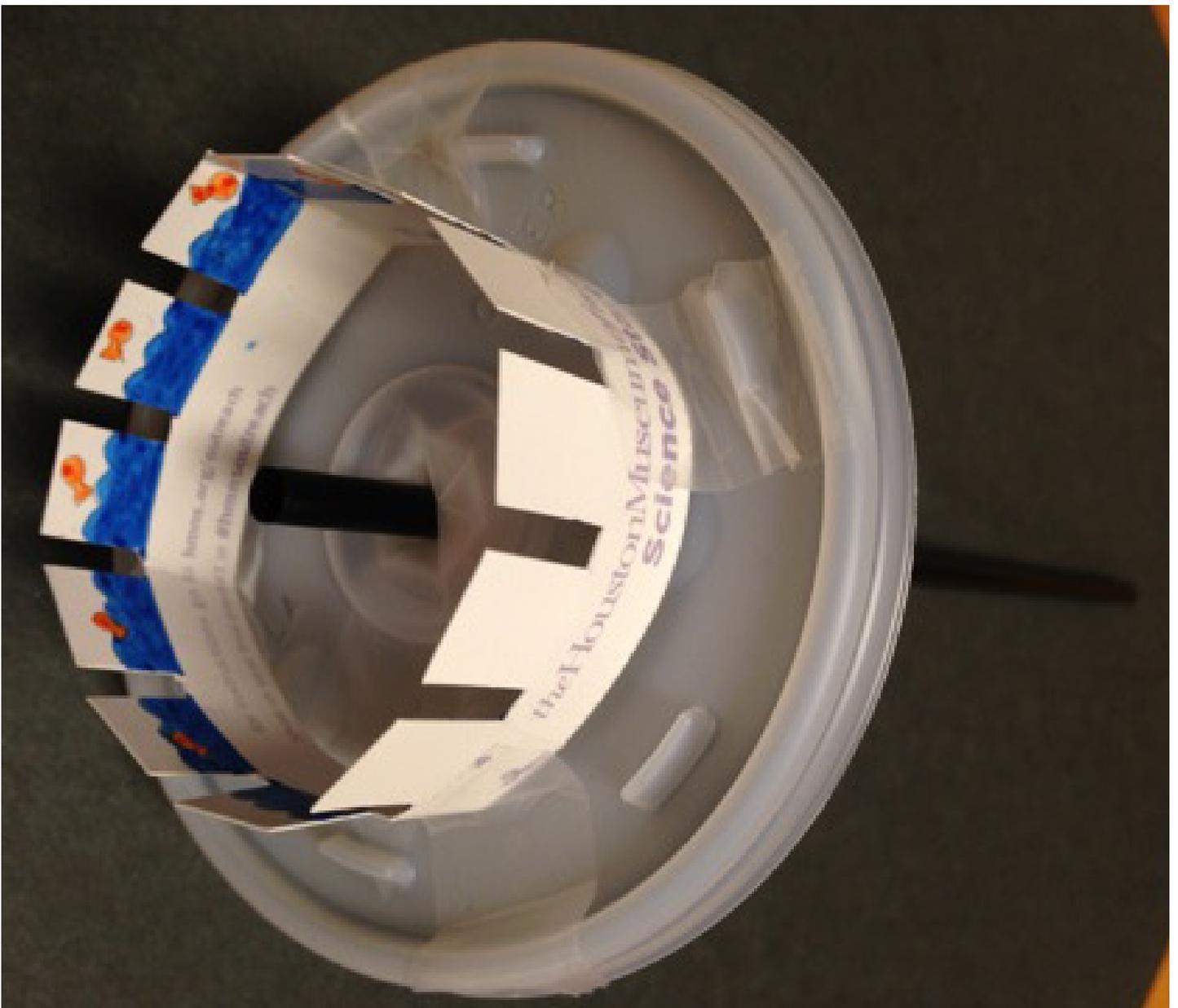
Tape the straw to the lid bottom to keep it in the lid and to straighten it out.



STEP 10

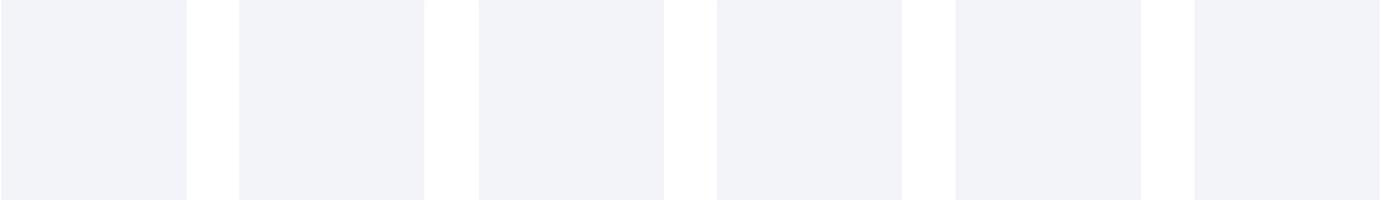
The movie maker is ready to be used. Hold the straw underneath the lid and roll it in your hands while looking through the slits in the paper. Make sure to hold the lid at eye level while it is turning.

Show us your finished trilobite with #HMNSoutreach



Bring this activity to life in your classroom!

Print this sheet on cardstock and just follow the directions!

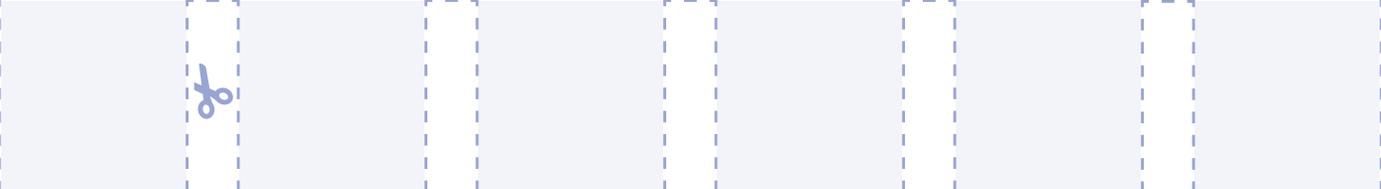


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Turn this card into playable movie!

for instructions go to hms.org/outreach

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