



College & Career
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A mission of  Partners in
Education

ONLINE!



Career Speaker Lesson

Careers in Space Science

Please join us for this entertaining and educational video lesson by Mr. Reed Steele.

Here's How!

1. Using a computer, a tablet or a phone, go to our special online lesson called CAREERS IN STEM - SPACE SCIENCE at:
<https://partnerstoledo.org/ccrsg-online/>
2. Click on the 20 minute video and follow along!
3. When the video is over, you will be asked a few questions. Make sure to answer these questions. This is the best way for us to see how well we taught the lesson.
4. On the next page is a recipe for dough to make your own solar system.
5. Thank you for watching. We will have more lessons online soon.
6. We miss seeing you! Stay safe!

From your CCRSG teachers: Mr. Steele, Mr. Schrock, Mrs. Nutter and Ms. Banks.



Planetary Scale Model Extension Activity



Let's make some dough

Ingredients

- 1 cup flour
- 1/4 cup salt
- 3/4 cup of water minus 3 tablespoons
- 3 tablespoons of lemon juice
- 1 tablespoon cooking oil
- 2 packets Kool-aid (optional for fragrance and coloring)

Directions:

1. Measure the water and lemon juice into a heatproof, microwavable measuring cup.
2. Heat in the microwave until just boiling, about 3 minutes.
3. Meanwhile, mix together the flour and salt in a different bowl.
4. If using Kool Aid for the fragrance, slowly pour the Kool-aid packets into the HOT water and lemon juice mixture.
5. Slowly pour the liquid into the flour and salt mixture, and stir with a spoon (wooden spoons work best) until it just barely begins to form a dough.
6. Drizzle the tablespoon of cooking oil over the dough and stir again until it forms a ball. As the dough cools it will thicken and become less sticky.
7. Now, once the dough is completely cooled, you may add flour a tablespoon at a time until it is the perfect consistency.

Now, let's make some planets

1. Once you make the dough, roll it into a ball.
2. Roll out the ball into the shape of a cylinder or a long snake. Cut the dough into 10 even sections using a plastic knife.
3. Roll 6 of the 10 sections into a ball to make the planet Jupiter and roll 3 more together to make Saturn. (You will add more to Saturn later.)
4. Roll out the last piece of dough and divide it into 10 more sections.
5. Put 5 of the sections in a ball together to make Saturn, and put 2 sections together to make Neptune, and 2 more to make Uranus.
6. Roll the last section into a snake and cut it into 10 more sections. Put 9 of those into the ball that is Saturn. (Saturn is finished!)
7. Divide the last piece of dough into 2 sections and make Earth out of 1 of them.
8. Roll that second piece out and cut it into 10 more sections. (It gets really tiny from now on.)
9. Roll 9 of those sections into a ball to make Venus.
10. Roll out the very last piece of dough again and cut it into 10 Sections. (Pretty tricky!)
11. Roll 9 sections into a ball to make Mars.
12. Roll out the 10th section and cut it into 10 more sections. (Very tricky!)
13. Roll 9 of those sections into a ball to make Mercury, and roll the last section to make Pluto.
14. Line them up in the order you created them. CONGRATULATIONS YOU'VE CREATED OUR SOLAR SYSTEM!