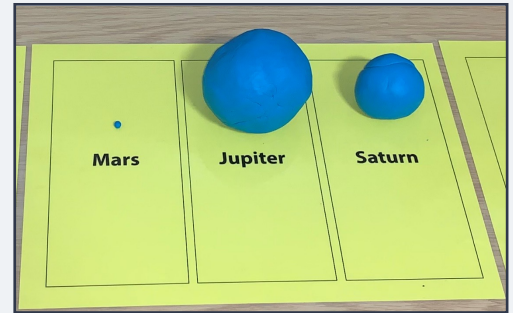




Use Play-Doh to create scale models of the eight planets of our Solar System.

To complete this activity, you will need:

- Play-Doh (3 tubs per Solar System)
- Planet name cards
- Rulers (for cutting the Play-Doh)



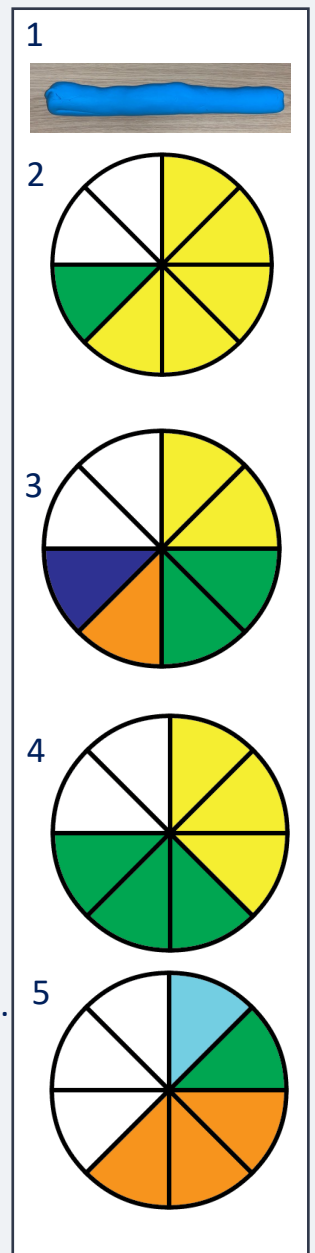
Key:

	Mercury		Venus		Earth		Mars
	Jupiter		Saturn		Uranus		Neptune
	Left over Play-Doh						

Instructions

- Mix your Play-Doh tubs together to create a sausage shape.
- Divide the whole sausage of Play-Doh into 8 equal parts.
 - Roll 5 parts together to create the planet Jupiter.
 - Roll 1 part to create the planet Saturn.
- Combine the remaining 2 parts and then cut into 8 equal parts.
 - Take 2 parts and add to Jupiter.
 - Take 2 parts and add to Saturn.
 - Take 1 part to create Neptune.
 - Take 1 part to create Uranus.
- Combine the remaining 2 parts and then cut into 8 equal parts.
 - Take 3 parts and add to Jupiter.
 - Take 3 parts and add to Saturn.
- Combine the 2 remaining pieces and then cut into 8 equal parts.
 - Take 1 part to create the Earth.
 - Take 1 part and add to Saturn.
 - Take 3 parts and add to Neptune.

Turn the page for steps 6 – 10!





Instructions

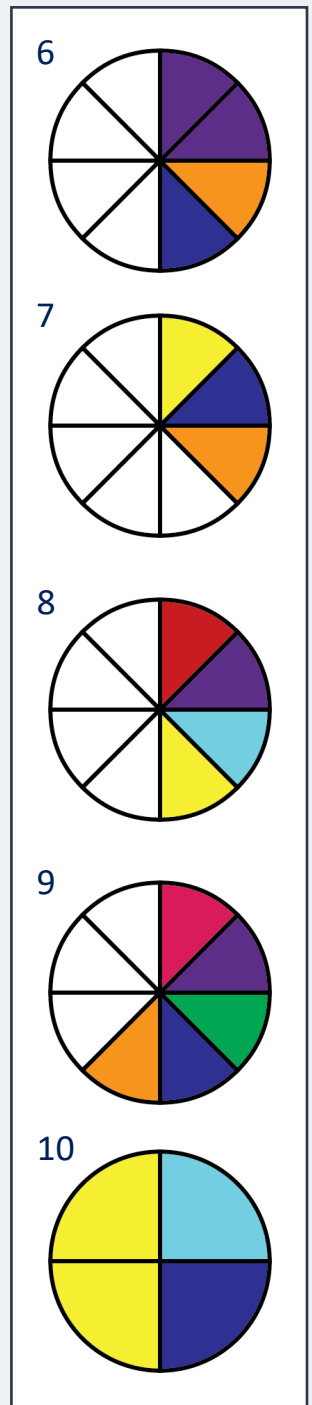
6. Combine the remaining 3 pieces and cut into 8 equal parts.
 - a) Take 2 parts to create Venus.
 - b) Take 1 part and add to Neptune.
 - c) Take 1 part and add to Uranus.

7. Combine the remaining 4 pieces and cut into 8 equal parts.
 - a) Take 1 part and add to Jupiter.
 - b) Take 1 part and add to Uranus.
 - c) Take 1 part and add to Neptune.

8. Combine the 5 remaining pieces and cut into 8 equal parts.
 - a) Take 1 part and create Mars.
 - b) Take 1 part and add to Venus.
 - c) Take 1 part and add to Earth.
 - d) Take 1 part and add to Jupiter.

9. Combine the remaining 4 pieces and cut into 8 equal parts.
 - a) Take 1 part and create Mercury.
 - b) Take 1 part and add to Venus.
 - c) Take 1 part and add to Saturn.
 - d) Take 1 part and add to Uranus.
 - e) Take 1 part and add to Neptune.

10. Combine the remaining 3 pieces and cut into 4 equal parts.
 - a) Take 1 part and add to Earth.
 - b) Take 1 part and add to Uranus.
 - c) Take 2 parts and add to Jupiter.



Each ball now represents the relative size (volume) of each planet.