



Science Virtual Learning

8th Grade Science

Solar System

May 8, 2020



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Lesson: May 8, 2020

Objective/Learning Target:

I can identify the different planets in the solar system and understand how the solar system is held together.



Bellwork

1. See what you remember about the Solar System and how it stays together with [this Quizziz](#). (Click on link to go to Quizziz)
2. On a piece of paper, list the planets in order.
 - a. **Answers** at the end of the lesson.



Today

1. Watch [this video](#) about the Solar System.
2. Create a one pager about the planets using the information on the following slides.
 - a. All planets
 - b. 1-2 facts about each planet
 - c. 5+ pictures
 - d. 1-2 short sentences about how the solar system stays together.

Write down this information on a sheet of paper or add to your one-pager.

| | Terrestrial Planets | Gas Giant Planets |
|--------------------------------|---|--|
| Characteristics of Planet Type | <ul style="list-style-type: none"> - Small - Rocky - Dense - Inside the asteroid belt | <ul style="list-style-type: none"> - Large - Made of Gas - Small, solid core - Outside the asteroid belt |
| Example Planets | Mercury, Venus, Mars, Earth | Jupiter, Saturn, Uranus, Neptune |



Today

1. See if you can identify accuracies and inaccuracies about [these solar models](#) (write your answers on a sheet of paper and check your **answers** at the end of the lesson.)



Review

1. Play this game about our [Solar System](#)
2. See how much you remember with [Ms. Rose](#) about our solar system



Answers

Answers to Bell work: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

| Answers to this page | Accurate Things about this Model | Inaccurate Things about this Model |
|---|---|---|
| Model 1 | <ul style="list-style-type: none">- Order of planets is correct- All planets are shown- Earth's moon is shown | <ul style="list-style-type: none">- Scale of model in not right (too close together)- Not all planets' moons are shown |
| Model 2 | <ul style="list-style-type: none">- Most planets are shown- Earth's moon is still shown | <ul style="list-style-type: none">- Earth is at center of the solar system- Some planets are missing- Scale of model is not correct (too close together)- No asteroid belt shown- And many others.... |