

# 6<sup>th</sup> Grade Session 1 Sheet

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## Discovery Education:

### Formation of our Solar System:

*Please watch all videos under Engage and Explore. These videos will help you understand the Essential Questions as well as further expand your knowledge on the Formation of our Solar System. I recommend writing the title of the video in your Science Journal and a brief description of what you learned. This will help you recall information while studying. (The same session sheets will be used for your FINAL...keep these sheets and keep information organized that covers them)*

**Answer the following Essential Questions in your Science Journal. Write down the question followed by a complete answer:**

- How did the solar system form and what force was involved?
- Why do the eight planets in our solar system have different sizes and compositions?
- What is the relationship between a planet's distance from the sun and the length and duration of its orbit?
- How can we describe the orbital paths of planets around the sun?

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**Vocabulary Words: (Write down the vocabulary word in your Science Journal and then the definition. When learning the vocabulary you must watch the video and the animation prior to writing down the definition. This provides for optimal understanding)**

**Big Bang Theory, gas, gravity, orbit, planet, sun, observe, theory, hypothesis**

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### **Slideshow information,etc:**

**Please review notes taken in class as well as anything referred to on the powerpoint presentation which can still be found under Mrs McNeill 6<sup>th</sup> Grade Science.**

**Be able to list all the planets in order from the Sun**

### **STUDY TIPS:**

1. Put information in colors....stimulates the brain
2. Repeat things(read them three times each before you progress on)
3. Write legible...if you can't read it you can't remember it
4. Time Management...break up information for each day. If it's a video watch one a day, review the notes taken each day associated with the title. If it's a vocabulary term: review the definition every day and ask someone to quiz you.

**If all else fails find a family pet and read your notes to them. Try to teach your pet or younger sibling information. A lot of times if you try to make others understand something, you in turn develop a better understanding**