**EAGLES**

**Science Lesson Plans**

Week of April 9-13

**Monday:**

**Learning Target:** I can define gravity and the role of gravity in the universe.

**Class work**: Students will read pp. 62-65 in their book over gravity and 21-25 & 40 in the old blue science book.

**Tuesday:**

**Learning Target:** I can define gravity and the role of gravity in the universe.

**Class work:** Astronomer’s quiz. Students will complete notes over gravity and watch a video clip over gravity in space.

[**www.youtube.com/watch?v=xpUaf4KDvE0**](http://www.youtube.com/watch?v=xpUaf4KDvE0) **– Our World - gravity in space**

[**http://www.isstracker.com/**](http://www.isstracker.com/)

[**http://spotthestation.nasa.gov/sightings/view.cfm?country=United\_States&region=Missouri&city=Columbia**](http://spotthestation.nasa.gov/sightings/view.cfm?country=United_States&region=Missouri&city=Columbia)

**Wednesday:**

**Learning Target:** I can explain the role of gravity in solar system formation.

**Classwork**: Gravity Quiz. Students will read an article and complete comprehension questions.

Students will read pp. 67-72 and complete notes over the section about solar system formation. Students will watch a video over how the universe formed.

Video: A Spin Around the Solar System: How the Solar System Works

<https://www.youtube.com/watch?v=Uhy1fucSRQI> – solar system formation

https://www.youtube.com/watch?v=B1AXbpYndGc

**Thursday:**

**Learning Target:** I can describe planetary motion in regards to day, month, and year.

**Classwork**: Students will read pp. 142-145 and discuss planetary motion and complete note sheet.

**Friday:**

**Learning Target**: I can explain why the Earth experiences seasons and the relationship of sunlight and the tilt of the Earth during different seasons in a lab.

**Classwork:** Rotation/Revolution Quiz.Students will also read pp. 146-148 about the seasons and complete notes and discuss why seasons occur**.**

Students will watch a video about seasons

http://highered.mcgraw-hill.com/sites/007299181x/student\_view0/chapter2/seasons\_interactive.html

You Tube Video about the seasons: Bill Nye – seasons

https://www.youtube.com/watch?v=l64YwNl1wr0