



# Cycle 1 Week 20



(Abecedarians)

## ATMOSPHERE

-We have been learning about the layers of the earth. We are also going BEYOND the earth to learn about the **atmosphere** that surrounds the earth.

-The atmosphere is broken into 5 main parts – say them with me:

- Troposphere
- Stratosphere
- Mesosphere
- Thermosphere
- Exosphere

What do all those words have in common? **SPHERE!**

-**What does “sphere” mean?** A round figure or surface, with every point on its surface equal distance from its center.

(Show them the layers picture on the next page as you explain each)

- The **troposphere** is where we would see **clouds and airplanes**.
- The **stratosphere** is where the **ozone layer** is and where we see **Weather balloons** floating.
- The **mesosphere** is where **meteors burn up** on their way down to earth.
- The **thermosphere** is very **hot!** This is also where some **satellites and the international space station orbit**.
- The **exosphere** is the area **farthest from earth** and gradually **fades into outer space**. You can find **satellites** in this area also.



-We are now going to make a project that shows the layers of the earth and atmosphere.

(The atmospheres for their project are in the shape of an oval – point out that this is NOT how they really look. We just needed to fit them all on the page, so we squished it.)

