

6.E.2A.1 LAYERS OF THE ATMOSPHERE

Use this word bank to help you fill in the correct words in the spaces on the foldable.
Check off your answers as you use them. 😊

LAYERS	
	exosphere
	ionosphere
	mesosphere
	stratosphere
	thermosphere
	troposphere

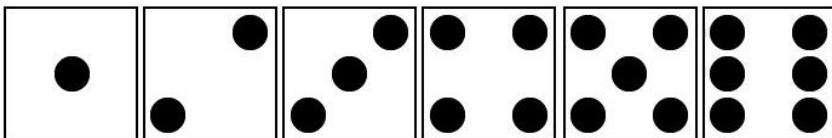
GASES	
	Carbon dioxide
	Nitrogen
	Oxygen
	Ozone
	Water vapor
	Trace gases

OBJECTS	
	Aurora borealis (Northern Lights)
	Clouds
	Meteors
	Ozone Layer
	Satellites
	Space shuttles
	Weather Balloons

FACTS	
	Considered space
	Consists of the ionosphere & the exosphere
	Coldest layer
	Hottest layer
	Known as the weather layer
	Meteors burn up in this layer
	Ozone layer protects us from harmful UV radiation
	Radio signals bounce off of this layer back to earth

Density-

Fill in the dots in the correct square on the worksheet to represent the density of air in the layer of atmosphere.



Least dense

Most dense



Earth's Layers	Objects	Facts	<div>1. Draw the cube that best represents the density of the air.</div> <div>2. Draw a picture of objects found in each layer.</div>
Exosphere			
Ionosphere			
Thermosphere			
Mesosphere			
Stratosphere			
Troposphere			



Earth's Surface



<u>Temp</u> Draw arrow to show the trend.	<u>Pressure</u> Which has the most? Least?	<u>Gases</u> Answer these questions.	Which are the two most common gases throughout the layers?
		Gases in small amounts like argon?	
		Form of oxygen found in this layer?	
		Important for weather:	