

LAYERS OF THE ATMOSPHERE

Up to 10,000 km (6,000 miles)	<ul style="list-style-type: none">• Atmosphere is extremely thin here• The upper part of this layer is true space• Some manmade satellites orbit the Earth within this layer
Up to 600 km (370 miles or more)	<ul style="list-style-type: none">• Air is very thin, but HOT (thousands of degrees, heated by sun's energy)• Space shuttles and the International Space station orbit in the middle to upper part of this layer• Aurora Borealis occurs in this layer
Up to 85 km (53 miles)	<ul style="list-style-type: none">• Coldest layer (temps as low as -90°C (-130°F))• Air is thin, but thick enough to burn up meteors
up to 50 km (30 miles)	<ul style="list-style-type: none">• Most of the ozone in our atmosphere is found here• Some weather balloons can reach the bottom of this layer
Up to 16 km (10 miles)	<ul style="list-style-type: none">• Layer closest to earth where all living things are found• Layer where weather occurs• Layer where jets fly

This chart based upon chart found at:

http://www.robbinsville.k12.nj.us/4431_12582512397/lib/4431_12582512397/Layers_of_atmosphere_class_activity.pdf

Find clip art of the following items and place in the correct layer:

- Space shuttle
- Weather balloons
- Satellites (manmade)
- International Space Station
- Jet
- Clouds (for weather)
- Aurora borealis
- Ozone (can be text)
- Meteor
- Living things