Discovery Education

* Log onto your Discovery Education Account
* Under your “assignments” tab you will find several items to use for the lesson today.

Exploration: The Air up there

1. List the atmospheric layers from lowest to highest.
2. What atmospheric layer protects us from the sun’s deadly radiation? What is this layer commonly called?
3. What causes the temperature changes in each atmospheric layer?

Data Chart:

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| --- | --- | --- | --- |
| Atmospheric Layer | Altitude Range (km) | Temperature Range (C) | Interesting Facts |
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Read the following passages:

-What is Air?

-Ozone: The Good and the Bad

-History of the Earth’s Atmosphere

Answer the following three questions. Each question should have a minimum of 3 separate facts. Write out the question and answer in complete, thoughtful sentences that demonstrate understanding, not copying.

* What are some of the properties of the atmosphere?
* What is the composition of air?
* How do temperature, pressure, density, and composition of the atmosphere vary with altitude?