It's a bird, it's...atmospheric circulation

(a) How does the greenhouse effect work?

(b) What is the exosphere?

(c) How are Hadley cells and the Coriolis effect similar? How are they different?

Venus; Fly; Trap

(a) Why does Venus spin backward?

(b) Why does Venus have a negligible Coriolis effect?

(c) How might flights on Venus be different from flights on Earth? Hint: think about how large-scale wind patterns are generated on the Earth.

(d) How might the runaway greenhouse effect on Venus taken place?

Misc.

(a) Why would planets at intermediate distances from the Sun experience the most erosion?

Challenge questions

(a) Would the exosphere necessarily have a strict boundary between itself and space? Why or why not?

(b) Why might Mars' atmosphere be primarily composed of carbon dioxide? And how might this inform the way that we seek to terraform the planet in the distant future?