

Energy & Forces 5

Unit Study Guide

6. List examples of renewable and non-renewable resources.

Renewable: solar, wind, biomass, geothermal, tidal, water and hydro.

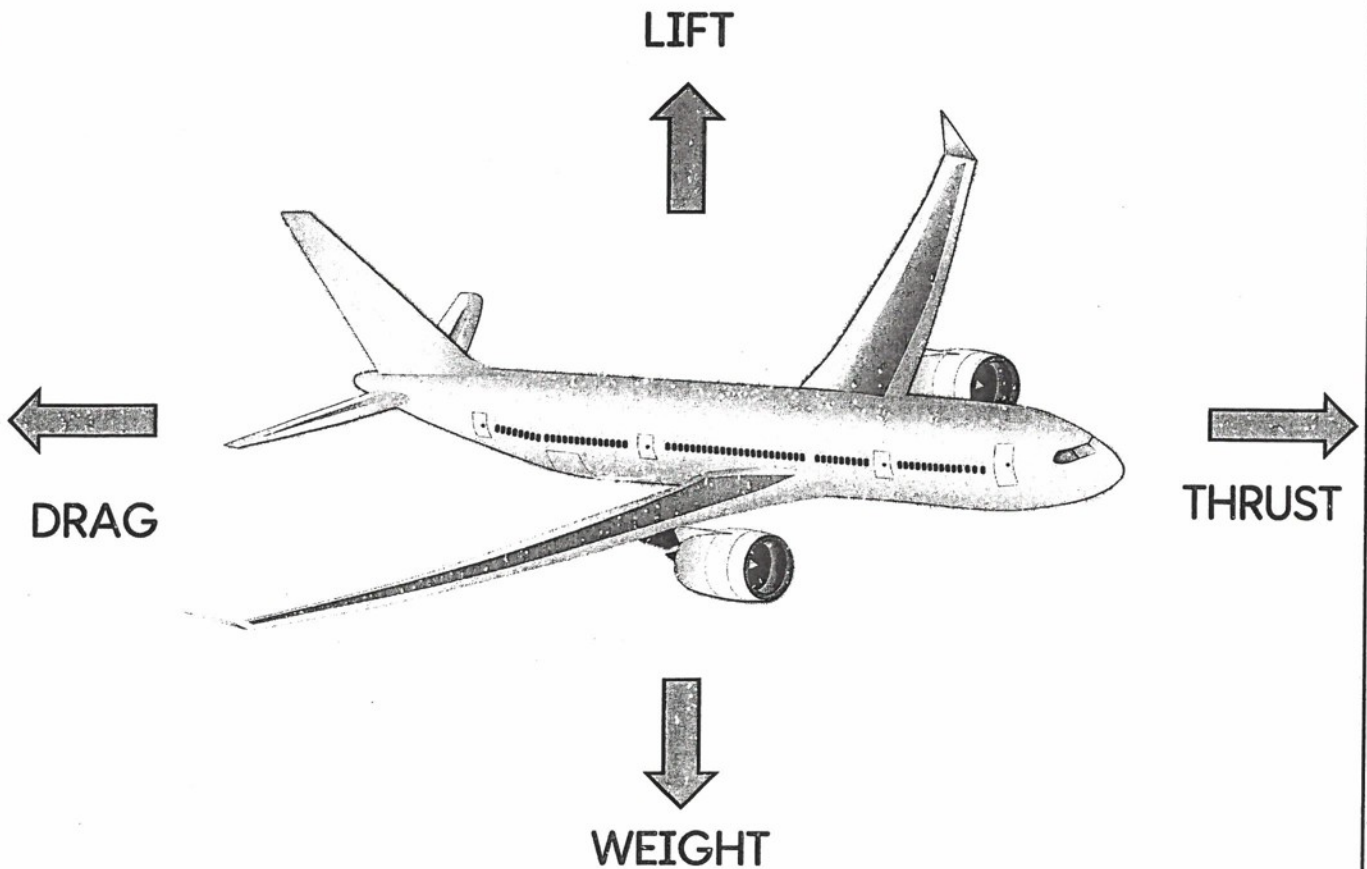
Non-renewable: Nuclear and fossil fuels

7. Which type of energy resource does Alberta rely on?

Both renewable and non-renewable.

8. Draw a diagram of the four forces of flight. Which of the forces oppose each other?

Thrust and drag oppose each other. Lift and weight oppose each other.



Note that the diagram must include a clear direction, for example the nose of the plane shows the direction the plane is flying. Thrust is always in the direction of motion.