



Name: _____

Class: _____ Date: _____

Pioneering Spirit

An extension of "Around the world in a solar plane"

The two people behind the accomplishment of the Solar Impulse 2, Bertrand Piccard and André Borschberg, wanted to show the world the importance of the pioneering spirit. They also hoped to stress to the world that we need to find new ways to improve the quality of human life without further damaging the environment.

Theirs was a tremendous achievement. Should we not respond to their reminder by doing our part to safeguard the future of our planet?

1. Read the article "**Around the world in a solar plane**" (*What's Up*, September 2016, page 12-13).
2. Divide the class into five groups. As a group, On the back of this handout, list the items asked for below. Write in full sentences on the back of this handout.
 - a. Two technical achievements of the Solar Impulse 2's design and flight.
 - b. Five physical hardships endured by the pilots.
 - c. Two risks the pilots faced.
 - d. The objectives the pilots had in making the flight.

The answers to a, b and c are stated in the article. Brainstorm as a group to list what is asked for in (d) above.

3. Share your group's answers with the whole class. Talk about what you think of the whole Solar Impulse project.
4. Create a colourful, engaging poster to showcase different types of renewable energy and how some of them are being in Singapore. Do this in support of the pioneering efforts of Bertrand Piccard and André Borschberg and what they stand for.

To learn more about the different types of renewable energy, visit <http://www.eschooltoday.com/energy/renewable-energy/what-is-renewable-energy.html>.

5. Display your posters outside your classroom to encourage others to think seriously about renewable energy.