

## Teacher's Notes and Answer Key for Solar Impulse 2 worksheets

### **Map Activity 1:**

Print out a map of the world and follow the Solar Impulse 2's journey around the world. As of July 2, 2015, the Solar Impulse 2 has been to Abu Dhabi in the UAE, Muscat in Oman, Ahmedabad in India, Varanasi in India, Mandalay in Myanmar, Chongqing in China, Nanjing in China, and Nagoya in Japan. It is en route to Hawaii. (Source: CNN)

### **Map Activity 2:**

Print out one map of the world for each student so they can draw the route of the Solar Impulse 2's round-the-world journey. Have each student use a red pencil to draw where the Solar Impulse 2 has been and a blue pencil to draw where it is going.

### **Answer Key:**

Worksheet 1:

car  
sun  
world  
long  
small

Worksheet 2:

Amelia Earhart was the first woman to fly across the Atlantic Ocean in 1932.  
Bertrand Piccard flew around the world in a hot air balloon in 1999.  
Orville and Wilbur Wright flew the first airplane in 1903.  
Solar Impulse 2 started a round-the-world flight from Abu Dhabi in 2015.

1. F
2. F
3. T
4. F
5. T

Worksheet 3 (WebQuest):

1. It is 72 meters.
2. Only one pilot can fly in the cockpit.
3. Yes, it can.
4. The wingspan of the Solar Impulse 2 is bigger.
5. It started in Abu Dhabi.
6. (Answers will vary. Please check the Internet for current information.)

7. It weighs 2,300 kg. It weighs as much as a car.
8. It can fly 28,000 feet high in the daytime. It can fly almost as high as a commercial jet.
9. It can fly 3,000 feet high at night.
10. The pilots flying the Solar Impulse 2 are Andre Borschberg and Bertrand Piccard.