**Handout**

**Class exercise – How germs travel on planes**

How many people travel by plane every year?

How does Ebola spread?

How many people were infected with H1N1 on a single flight?

How long was the flight during which 22 people were infected with SARS?

What happens to the air in the cabin when someone sneezes?

What helped create simulations that give higher resolutions?

What is the name of the solution to the airflow pattern?

What happens to the airflow pattern when you install this innovation?

How much did the SARS epidemic cost the world?

**Discussion:**

Do you agree with Raymond that the best solutions are the simplest solutions? Why/Why not? Can you give any other examples?

‘We live in the golden era for innovation.’ Discuss

**Complete the phrases:**

To spread the ...........................

To ..........................for diseases

To be in ..............................period

To .........................symptoms

A patent .........................solution

To reduce .........................transmission

Thousands of ........................hours