

HYPERLOOP ONE – WORKSHEET

Are the questions below **TRUE, FALSE OR NOT GIVEN (No answer in the text)?** Correct the **FALSE ANSWERS**, e.g. The two key factors which slow down conventional vehicles are ~~gravity~~ and air resistance. T F NG
CORRECT ANSWER: Friction and air resistance.

You will watch the video twice.

1. Elon Musk's first Hyperloop proposal was that the passenger pods would float on a cushion of air.
T F NG

2. Musk got his first Hyperloop idea from Brunel's atmospheric railway. T F NG

3. Brunel's railway failed because there was a problem with the pumping stations. T F NG

4. From the beginning, Musk wanted to keep the Hyperloop project secret. T F NG

5. Musk invented the use of magnetic levitation to raise a train from its tracks. T F NG

6. One set of magnets lifts the train, what function does the other set have?

7. How will the pods be able to travel as fast as a jet airplane?

8. Which aspect of using the Hyperloop is NOT mentioned?

- a) increased accessibility within cities b) cost compared with other types of transport
c) using environmentally friendly energy sources d) increased commuting possibilities

9. How will the pylons which support the tube reduce damage to the tube during an earthquake?

10. What is believed would be the result of air getting inside the tubes?
