UNIT 05: INVENTIONS

READING: ARTIFICIAL INTELLIGENCE

route /ruːt/ (n): **a particular way or direction between places**

thanks to /θæŋks tuː/ (v.phr) because of sth

artificial intelligence (n) /ˌɑː.tɪ.fɪʃ.əl ɪnˌtel.ɪ.dʒəns/ the use of computer programs that have some of the qualities of the human mind

be applied to /biː əˈplaɪd tuː/ to be made use of something or be used for a practical purpose

effective /ɪˈfektɪv/ (adj) **successful or achieving the results that you want**

computer programmes /kəmˈpjuːtə ˈprəʊgræmz/ (n.phr) a set of instructions that makes a computer do a particular thing

Artificial Intelligence

1 **Look at the pictures of Asimo and Sophia and discuss the questions below in pairs.**

1. What are they?

2. What do you think they can do?

Sophia in 2020

2 **Read the text below and choose the best title for it.**

A. AI development over time

B. Robots: The best AI inventions

C. AI in use today

D. AI in education

Asimo in 2000

In 2000, Asimo, a robot created by Honda, amazed everyone by just walking down the stairs. Twenty years later, a robot named Sophia can even communicate with people by using human language and expressing emotions.

However, robots are just one example of Artificial Intelligence (AI) – the study and development of machines that can copy human intelligence. Nowadays, AI has been applied to various areas of life.

At home, devices such as vacuum cleaners can now use AI to measure the room size and recognise any furniture. They can then decide on the most effective way to clean the house.

In transport, AI can be used on many smartphones to collect information about traffic. This can then help drivers find the most suitable route. Travelling has become much more convenient thanks to AI.

At work, the uses of AI are even more useful and exciting. Computer programmes, such as AI software or chatbots, can help customers plan their holidays, book flights and hotels, and answer questions.

AI is one of the most important inventions of the 21st century. It has completely changed our daily work and life.

Decide whether the following statements are true (T) or false (F).

	T	F
1. Sophia can show emotions when talking to humans.		
2. AI helps to make machines that think and act like humans.		
3. AI is one of the most important inventions of the 20th century.		

3 **Read the text again and match the pictures with the uses of AI.**

1

2

3

a Uses of AI at home

b Uses of AI at work

c Uses of AI in transport