

# Answers

## Theme 9: Why Do We Look Ahead? Lesson-15 Artificial Intelligence

### Main Coursebook

#### Re-KAP

#### Kinaesthetic:

Accept all relevant responses

#### Auditory:

1. The name of little robot is Lucy.
2. By flipping the switch, we can turn off the robot.

#### Pictorial



#### Interacting better:

Accept all relevant responses

#### Understanding better: (Page 115)

1. No
2. Yes

#### Learning better:

- A. 1. c    2. a    3. c    4. c    5. c
- B. 1. True    2. True    3. True
4. False    5. True
- C. 1. A self-driving car is a vehicle that uses AI to sense its surroundings and move safely with little or no human input.

2. Humanoids are robots that look and act like humans. However, these robots cannot feel, eat, move on its own and grow like the human beings.
  3. A smart speaker is a voice-activated speaker that uses AI to perform everyday tasks. These devices typically connect to the internet via Wi-Fi.
- D. 1. When machines think, learn and act as humans, it is called Artificial intelligence. With the help of this some fascinating technologies are possible these are namely, humanoids, futuristic space travel, self-driving cars and smart speakers.
2. Some of the technologies which uses AI are mentioned below.

#### Humanoids:

Humanoids are robots that look and act like humans. They are the most exciting innovation of AI. Countries from all over the world have come up with different humanoid models.

#### Smart speaker:

A smart speaker is a voice-activated speaker that uses AI to perform everyday tasks. These devices typically connect to the internet via Wi-Fi.

#### Futuristic space travel

The arrival of the concept of space tourism has made big companies use AI to work towards making space travel cheaper and safer even for the common people. Futuristic space travel involves physical exploration of space by human spaceflights or by robotic spacecrafts.

#### Creating better:

Accept all relevant responses

#### Thinking better:

Artificial intelligence (AI) can do tasks like solving maths problems quickly and working for long hours without getting tired. Humans are better: at showing feelings, being creative and making decisions based on emotions. This is because AI follows set rules, while humans think and feel in unique ways.

#### Choosing better:

2. Fitness