

Name:

Date:

Understanding Artificial Intelligence (Support)

Starter - AI in My Day

Tick the technologies you used this morning:

- Mobile phone
- Tablet
- Smart speaker (Alexa/Google Home)
- Television
- Video games
- Social media (TikTok, Instagram, Snapchat)
- YouTube
- Netflix

Which of these use AI? Your teacher will help you identify them.

What is AI?

Fill in the missing words: learn | think | decisions

Artificial Intelligence is when computers and machines are programmed to _____, _____, and _____ in ways that seem intelligent, similar to humans.

In your own words, what is AI?

AI is when computers

Three Types of AI

TYPE 1: VIRTUAL ASSISTANTS

Advanced questions:

Examples: Siri, Alexa, Google Assistant

These AI systems can understand when you speak to them.

This type of AI is called:

- Natural Language Processing
- Image Recognition
- Recommendation Systems

Write ONE question you could ask Siri or Alexa:

.....

.....

.....

How does a virtual assistant understand you? (Choose the best answer)

- It records every word you say
- It learns from millions of people's voices
- A person listens and types the answer

WELL DONE!

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TYPE 2: RECOMMENDATION SYSTEMS

Examples: Netflix, YouTube, Spotify, TikTok

These AI systems suggest things you might like.

Answer these questions:

What was the last video YouTube recommended to you?

.....

.....

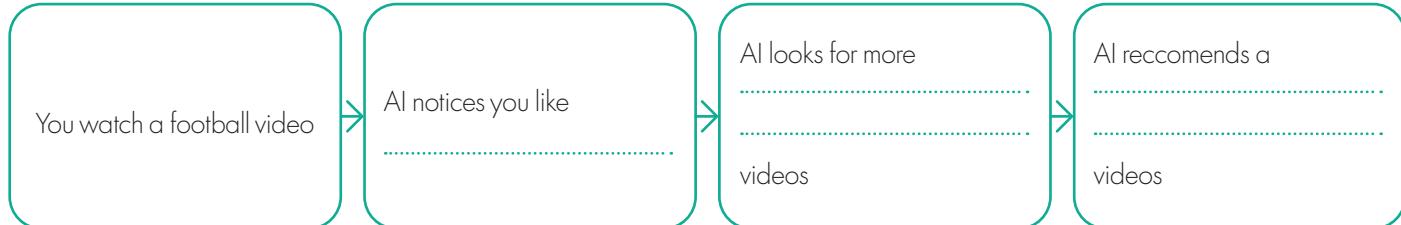
.....

Why do you think YouTube chose that video for you?

(Tick all that apply)

- I watched similar videos before
- I watched videos from the same creator
- Other people who watch what I watch also liked it
- Random choice

Make simple flowchart - fill in the blanks:



TYPE 3: IMAGE RECOGNITION

Examples: Face ID, Snapchat filters, Google Photos

These AI systems can see and recognize things in pictures..

This is called:

C_____ V_____

Match the AI to what it does:

Face ID
Snapchat filter
Google Photos

Adds fun effects to your face
Finds all pictures of your dog
Unlocks your phone

List TWO apps you use that recognize faces:

1

2

PART 4: AI VS HUMANS

What are humans better at? (Tick THREE)

- Having feelings and emotions
- Processing millions of numbers per second
- Being creative
- Never getting tired
- Understanding right and wrong
- Recognizing patterns in huge amounts of data

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Quiz

1. AI can think exactly like humans.

TRUE

FALSE

2. Which type of AI helps Netflix choose what to show you?

- Virtual Assistants
- Recommendation Systems
- Image Recognition

3. What does NLP stand for:

N L P

4. Give one example of how AI is used in your life:

.....
.....
.....

Exit Ticket: What I Learned Today

3 types of AI I learned about:

- 1 Virtual _____
- 2 _____ systems
- 3 Image _____

2 examples of AI I use regularly (Choose from: Siri, Netflix, Face ID, YouTube, Snapchat filters, Alexa):

- 1
- 2
- 3

1 question I still have about AI:

- 1

Well done!

Extension (if you finish early): Draw a picture showing how you use AI in your day.

