

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:

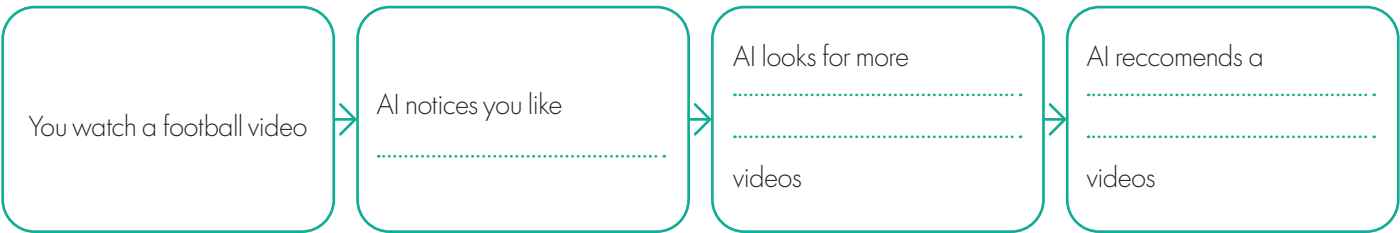
What was the last video YouTube recommended to you?

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

What are humans better at? (Tick THREE)

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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.

