

Artificial intelligence

British Values	Hall Park Value	At Hall Park, we believe...
Democracy	Democracy	everybody has a role to play and people should be able to voice their opinions about the issues that matter to them in a DEMOCRATIC way.
The rule of law	Responsibility	laws and rules are there to keep us safe. Everyone needs to respect them and take RESPONSIBILITY for their actions.
Individual liberty	Independence	in the importance of individuals developing the self-esteem, confidence and initiative necessary to think INDEPENDENTLY .
Tolerance of those of different faiths and beliefs	Value	everyone's beliefs, religious or otherwise, should be VALUED and respected unless they encourage hatred or harm towards others.
Equality	Equality	people should be treated EQUALLY regardless of their race, gender, sexuality, religion or background.

Which of the **DRIVE** Values would artificial intelligence come under?



Responsibility



Independence

Hall Park Learner

- **H**ard-working
- **A**mbitious
- **L**earners
- **L**eaders
- **P**articipants
- **A**mbassadors
- **R**esilient
- **K**ind

How does HPL link to today's assembly?



What is artificial intelligence (AI)?

- AI is when computers are designed to do things that normally require human intelligence, like solving problems, recognising faces, speaking, or driving cars.
- There are two main types of AI:
 - **Narrow AI**: focused on one task (e.g. Siri, Google Translate)
 - **General AI** (not yet real): could think and learn like a human in many areas
- Imagine AI like a super apprentice: it doesn't have emotions or experiences like us, but it can absorb massive amounts of information and improve over time.

- Home
- Copilot
- Create
- My Content
- Apps
- Word
- Excel
- PowerPoint
- Settings
- DT



Sharpen your writing

Analyze the text in the following and make suggestions on how to improve it: [text]

Monitor industry news

Prepare a daily brief of news from the [finance] industry regarding [cryptocurrency]

Improve your writing

Rewrite this to sound more professional and less verbose:

Code faster

Write a Python script to [perform binary search]

Get instructions

Give me step-by-step instructions for making an Instagram Reel

Track your team

Summarize the latest [NFL] standings then give me the most important storylines from the past seven days

Message Copilot



Have you used AI?

Raise your hand if you have ever used any of these AI technologies.



ChatGPT



Copilot

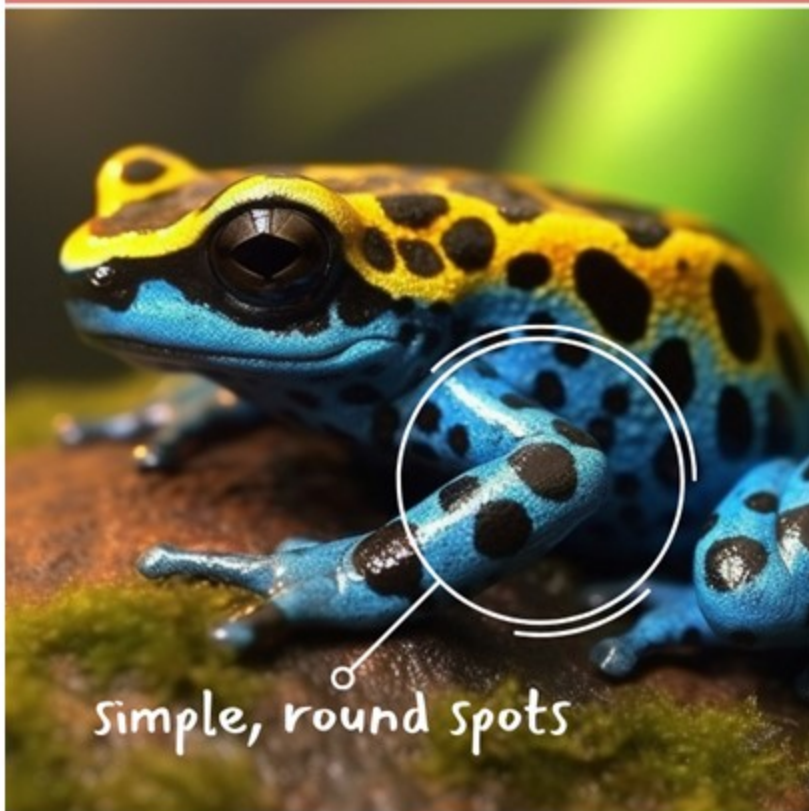
AI usage among young people

- In 2024, 77% of 13- to 18-year-olds said they had used generative AI.
- The most common uses cited were for entertainment, curiosity, homework and inspiration.
- 44% said they used AI to have a chat, 19% to write stories, and 13% to write poems or lyrics.
- [Clark, C., Picton, I., Cole, A. & Oram, N. \(2024\) *Children and Young People's Reading in 2024*. London: National Literacy Trust.](#)

Point left or right to identify the AI image



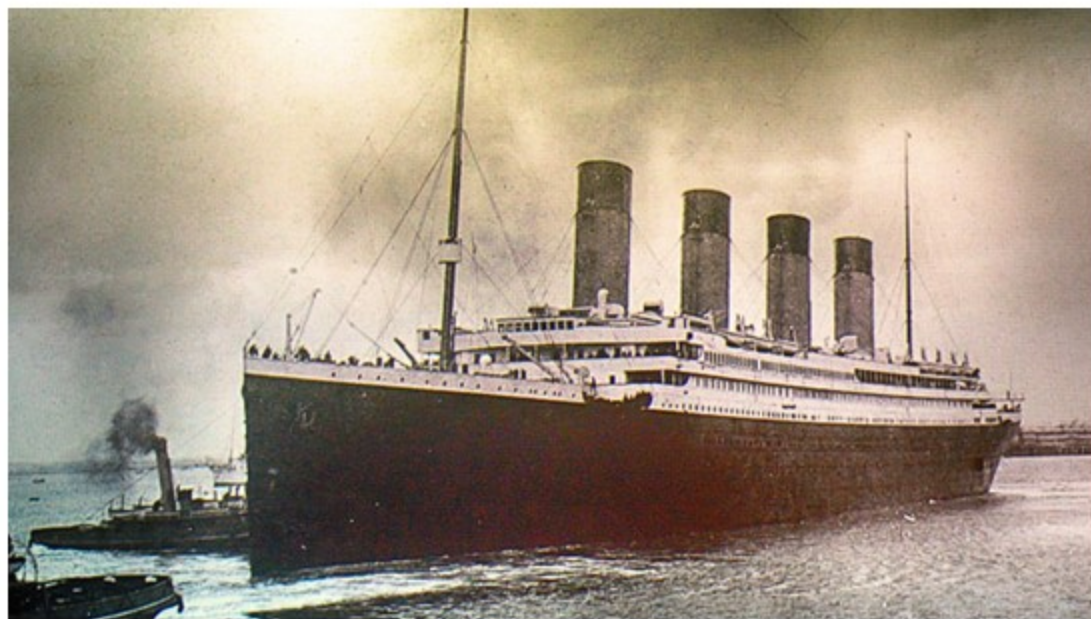
AI-generated



Real



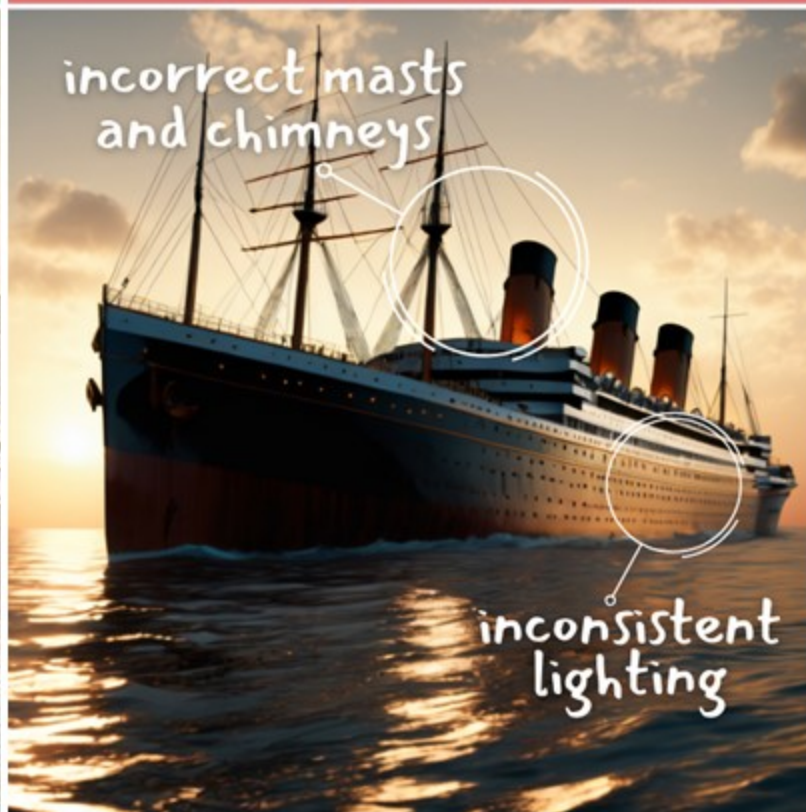
Point left or right to identify the AI image



Real



AI-generated



Point left or right to identify the AI image



Real



AI-generated



Point left or right to identify the AI image

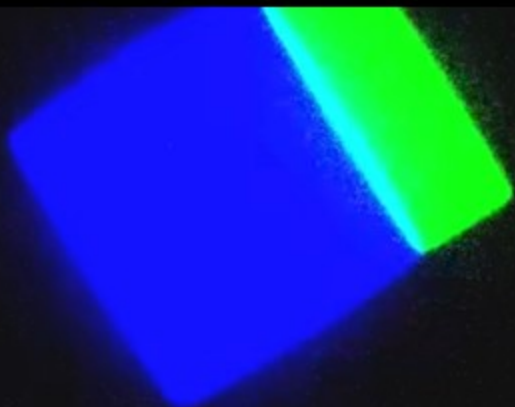
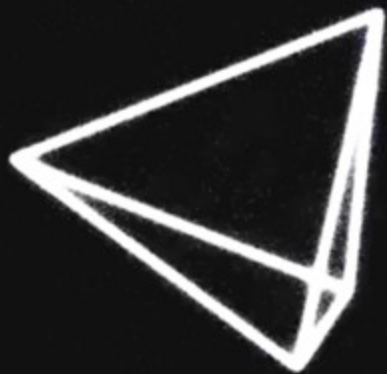


AI-generated



Real





“The worst it will ever be”

- AI is improving at an astonishing rate.
- Like most new technologies, it was janky at first, but it is now incredibly difficult to distinguish between the best AI generated imagery and non-AI imagery.
- Being a ‘YouTuber’ was not a job when I was at school, and it may no longer be a job when some of you finish school – have you ever come across an AI-generated video?



A world-changing invention

- I asked ChatGPT what it thought were the most important inventions of all time.
- Up until a few years ago it was probably the internet.
- Time will now likely prove AI to be the most important human invention.

World-Changing Discoveries and Inventions

1. **Fire (about 1.5 million years ago)**
Fire helped people cook food, stay warm, and keep safe. It was one of the first big discoveries.
2. **The Wheel (about 5,000 years ago)**
Wheels made it easier to travel and carry things. They helped build new machines too.
3. **Writing (about 5,000 years ago)**
Writing let people share ideas, keep records, and tell stories across time.
4. **The Printing Press (about 600 years ago)**
This machine made books much faster and cheaper to make. It helped more people learn to read.
5. **The Scientific Method (about 400 years ago)**
This is a way to ask questions and find answers through testing and experiments. It changed how we learn about the world.
6. **Electricity (about 200 years ago)**
Electricity gave us lights, machines, and power for cities and homes.
7. **Vaccines and Antibiotics (about 100–200 years ago)**
These medicines helped people fight off diseases and live much longer, healthier lives.
8. **The Internet (about 50 years ago)**
The internet lets people all over the world talk, share, and learn quickly using computers and phones.
9. **Artificial Intelligence (AI) (today)**
Machines can think and learn like people. It can help with many jobs, solve problems, and even create new ideas.

Ethical issues

- Misinformation, fake news and deepfakes
- Bias: AI trained on unfair data can make unfair decisions
- Job losses
- Copyright: AI is trained on copyrighted works
- Power needs and environmental impact
- Big tech: AI is dominated by companies such as Google, Amazon, Apple, Meta and Microsoft, solidifying their control of digital data
- Who's in control? What should AI be allowed to do?



Amazon has recorded millions of private conversations and allowed temporary workers to listen to them to train its AI.

AI and your education

- AI is currently optimised for helping users *solve problems*, not for helping users *get better at solving problems*.
- When students use AI to help with their learning, they tend to produce better outcomes in the short term (e.g. write a superior essay, answer more questions correctly)... but, this comes at the expense of their learning in the long term.
- Remember: **whoever does the thinking gets the learning**.
- There are strict rules around the use of AI in KS4 and 5 non-exam assessments; your teachers will inform you.

You will shape the future of AI

- You will train AI by interacting with it.
- You are growing up during a turning point in human history. AI is not something to fear – but to understand, guide, and use wisely.
- Here's your challenge: be curious. Ask questions. And think not just about what AI can do, but what it *should* do.

