

What's happening in the news this week?



Let's have a look at this week's poster!

23rd - 29th September 2024



**Will classrooms of the
future be teacherless?**

David Game College



Let's look at this week's story

The UK's first teacherless classroom, using AI (artificial intelligence) instead of human teachers, has opened. David Game College, a school in London, began its new course for twenty GCSE pupils in September. The pupils will learn using both AI platforms on their computers and VR (virtual reality) headsets.



Learn more about this week's story [here](#).
Watch this week's useful video [here](#).
This week's Virtual Picture News [here](#).



How does it make me feel?



sad

despondent
disconsolate
dismal
doleful
downhearted
forlorn
gloomy
melancholic
miserable
woeful
wretched

angry

aggrieved
annoyed
discontented
disgruntled
distressed
exasperated
frustrated
indignant
offended
outraged
resentful
vexed

happy

beaming
buoyant
cheery
contented
delighted
enraptured
gleeful
glowing
joyful

confused

addled
baffled
bemused
bewildered
disorientated
indistinct
muddled
mystified
perplexed
puzzled

excited

animated
elevated
enlivened
enthusiastic
exhilarated
exuberant
thrilled

worried

agitated
anxious
apprehensive
concerned
disquieted
distraught
distressed
disturbed
fretful
perturbed
troubled
uneasy

overwhelmed

engulfed
inundated
overburdened
overloaded
saturated
submerged
swamped

afraid

alarmed
apprehensive
daunted
fearful
frantic
horrified
petrified
terrified

guilty

ashamed
compunctious
contrite
culpable
penitent
responsible
rueful

jealous

bitter
covetous
desirous
envious
envying
resentful
wary

thankful

appreciative
grateful
gratified
indebted
obliged
relieved

shocked

astonished
astounded
disconcerted
distressed
dumbfounded
horrified
staggered
startled
stunned
surprised

disgusted

affronted
appalled
horrified
repelled
repulsed
revolted
sickened

inspired

activated
encouraged
exhilarated
galvanised
influenced
motivated

embarrassed

ashamed
awkward
chagrined
demeaned
discomposd
humiliated
self-conscious
uncomfortable
uneasy
unsettled

interested

absorbed
captivated
curious
engaged
enthralled
fascinated
gripped
intrigued
riveted

This week's story looks at events related to ...





Read through the information below, which explains more about this week's story.

How will the teacherless classroom work?

Twenty 15 and 16-year-old pupils will join the UK's first-ever teacherless classroom this year, with AI (artificial intelligence) leading the way!

Using AI platforms and VR (virtual reality) headsets, the students will have a completely personalised education, unique to them.

The AI will make tailored lessons for each pupil, enhancing their strengths and developing their weaknesses, so they get a special learning experience.

For example, if you are good at maths but find English hard, your lessons would provide extra support where you need it.



Pictured: An imagined 'classroom of the future'.
Source: AI Classroom, FreePik.

A teacher doesn't really know your flaws because he has so many students [...] while the AI will figure out what your flaws are and help you improve.



Joseph, a pupil at David Game College.

Will there be any adults?

Three learning coaches will be present in the classroom for behaviour management, to offer support, and to teach subjects that AI isn't as effective at (for example, art lessons).

Do you think the pupils using the AI classroom for their GCSEs will perform as well in their exams as pupils with teachers? Why?



Look at the resource below, which shares some qualities that might be important in a good teacher.



Encouraging



Passionate



Fun-loving



Fair



Creative



Empathetic

Which qualities do you think are most important? Why?



Look at the resource below, which shares some information about AI and how it can help us learn.

What is AI?

AI (artificial intelligence) technology allows computers to solve problems and perform tasks almost like humans. Large amounts of information are used to train AI systems to identify patterns in order to carry out tasks, such as recommending future purchases to online buyers, having human-like chats and generating images.



Did you know?



The technology behind voice-controlled virtual assistants, such as Google Assistant and Siri, is AI.

In 10 years, I think we will have chatbots that work as an expert in any domain you'd like. So you will be able to ask an expert doctor, an expert teacher, an expert lawyer whatever you need and have those systems go accomplish things for you.

Sam Altman - CEO of OpenAI, creators of ChatGPT.

How can AI help us learn?



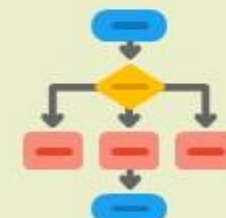
It can create a personalised learning programme so students can learn at their own pace.



It can provide a safe learning environment where there is less judgement.



It can make learning more inclusive as students unable to attend school can still access education.



It can continuously assess progress and give targeted feedback and next steps.

**How do you feel about using AI for your learning?
Do you think it would help you feel safer and less judged?**



**Will classrooms of the
future be teacherless?**

David Game College

Reflection



There are many different ways and opportunities for us to learn. We can learn from teachers, others around us and the experiences we have. Technology can play a part in this too.





Rule of Law

The Department for Education (DfE) is the department of the UK government responsible for education. They set policies, guidance and rules about how and what we learn.

Protected Characteristics



Our religion or belief can affect what and how we are taught.

We should never be treated unfairly because of our religion or belief.



Sex



Sexual
Orientation



Age



Disability



Gender
Reassignment



Marriage and
Civil Partnership



Pregnancy
and Maternity



Race



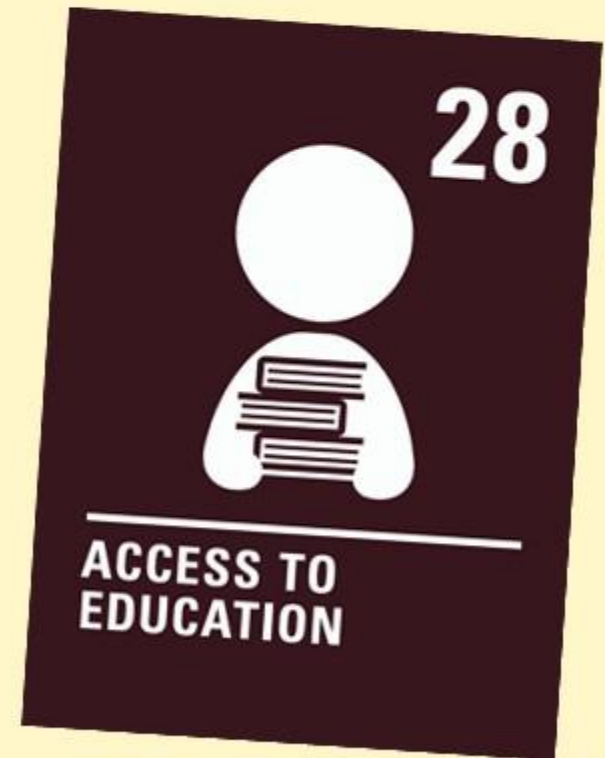
Religion
or Belief



UN Rights of the Child



Every child has the right to education. We should be encouraged to go to school to the highest level possible.



Useful vocabulary



Artificial intelligence

A type of technology that enables computers or machines to think and learn almost like human beings.

Twenty 15 and 16-year-old pupils will join the UK's first ever teacherless classroom this year, with AI (**artificial intelligence**) leading the way!

Flaws

Mistakes, weaknesses or imperfections in something or someone.

A teacher doesn't really know your **flaws** because he has so many students.

GCSE

Exams that students take at the end of secondary school, usually aged around 16. GCSE stands for **General Certificate of Secondary Education**.

David Game College, a school in London, opened its new course for twenty **GCSE** pupils in September.

Perform

How well or how poorly someone does when taking an exam.

Do you think the pupils using the AI classroom for their GCSEs will **perform** as well in their exams as pupils with teachers?

Requirement

A rule or condition that must be met.

Do you think there should be an age **requirement**?

Virtual reality

A technology that uses sounds and images to create a computer-generated world that users can interact with as if it were real.

The pupils will learn using both AI platforms on their computers and VR (**virtual reality**) headsets.

Can you use them in your writing this week?

Collective worship



Bible Link: Romans 14:17
Christian Value: Faith
Theme: Teaching, learning, growing



Pupil talk

- Who teaches you and helps you learn?
- What do you know about AI (artificial intelligence)? Do you have any experience of it?
- Think about some of the skills you have just learned. Do you think you would prefer to learn them from a person or AI?

Think

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Jesus was born over 2000 years ago. His words and teachings are the beginning of the Kingdom of God. It is a future reward, where God's reign is complete. With advances in technology, how we are taught has changed. It is likely to change again in the future. Jesus' teachings have not changed. We can share in others' joy, love God and our neighbour, be honest, be humble and have faith now and in the future.

Invitation prayer

The Lord's Prayer

Key stage 1 class discussion

- What do you enjoy learning? Do you have a favourite subject at school? Is there something you enjoy practising and want to get better at?
- What do you learn from your friends, your teacher, computers?

Key stage 2 class discussion

- Make a list of digital technology you use in your classroom. For each, think about how you use it and how it helps you learn.
- What do you predict a classroom might look like in the future? Do you think AI will be used to help us learn?
- How do you learn to love, to connect, to find purpose and meaning in life?

Worship song

I'm going to paint



God



Creation



Fall



People of God



Incarnation



Gospel



Salvation



Kingdom of God

Picture News



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- Look at this week's poster and talk about what you can see. Read through this week's story and share your first thoughts on teacherless classrooms.
- Read through the information found on the assembly resource, which explains more about this week's story. Do you think the pupils using the AI classroom for their GCSEs will perform as well in their exams as pupils with teachers?
- What do you feel are some of the benefits of teacherless classrooms? What might the disadvantages be?
- Watch this week's useful video, which is all about the new teacherless GCSE class. Is it a class you would like to be part of? Why?
- What might a classroom look like without a teacher?
- Do you think children of any age could learn without a teacher present, or do you think there should be an age requirement?
- What is your experience with AI? Is it something you have used before? Do you think it could change how we learn?

Reflection

There are many different ways and opportunities for us to learn. We can learn from teachers, others around us and the experiences we have. Technology can play a part in this too.

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KS1 focus

What qualities make a good teacher?



- Think about your teachers at school. What things do they help you with every day? Why do you think your teacher asks questions and gives feedback? How do they make learning fun for you?
- How does your teacher help when you don't understand something? How do they make you feel good about learning? Is it important for a teacher to listen to you?
- Talk with a partner or a small group and share what qualities you think are important in a good teacher. Come back together as a class to create a list on the whiteboard.
- Look at resource 1, which shares some ideas of the qualities a good teacher might possess. Were there any ideas you hadn't thought of? Add any onto your list that you think are important.
- Pick the three qualities that you think are most important. Do your friends think the same? Why are these qualities important to you?
- Have you ever helped a classmate with something? If you were a teacher, how would you help your students learn? What qualities do you have that might help you to be a good teacher? Do your personal qualities lend themselves better to another role?

Reflection

Teachers possess a host of different qualities that make them amazing at what they do. We can show our appreciation by saying thank you, trying our best and treasuring our teachers!

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KS2 focus

How can AI help our learning?



- Think about your learning in school. Make a list of subjects/topics you learn. What resources do you use for each? How do you prefer to learn? Do you prefer to listen, watch, read, do? Do you like learning with others or independently? Where do you prefer to learn?
- AI (artificial intelligence) can be used to help us learn. Share anything you know about AI. Have you used any AI technology? Does anyone in your family use it?
- Look at resource 2, which shares some information about AI and how it can help us learn. How do you feel about using AI for your learning? Do you think it would help you feel safer and less judged?
- For each of the subjects/ topics on your list, discuss whether AI could help. Is there anything you believe AI could not help you learn?
- Discuss some of the other skills you learn at school, such as teamwork, resilience, communication, empathy etc. How could AI be used to help you learn these? Are there any drawbacks to using AI to help you learn?
- Focus on the comment from the CEO of OpenAI, Sam Altman. Do you think doctors, teachers and lawyers could be replaced by AI in ten years? Why? What do you imagine your classroom might look like in ten years?

Reflection

Classrooms continuously evolve: the resources we use to learn, and how and what we learn. It is likely advances in technology will impact our classrooms of the future too!

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KS2 follow-up ideas

Option 1

AI is used when we go online. It can decide what posts to show someone using social media, it can recommend items to buy when someone is shopping online, and it can have text conversations to try and help customers. AI search engines have also been developed.

- Have you seen AI used in this way?
- What do you use online search engines for?
- How does this differ at home and school?
- How do you ensure your results are relevant? What words/phrases do you use to search?
- How are search technology results selected and ranked?
- Do you evaluate the content selected for you?
- Have you ever used an AI search engine?

Explore using an online search technology. Share and discuss your findings

Option 2

Use this opportunity to evaluate your own learning. Think about:

- What subjects do you enjoy?
- What are you good at?
- Is there anything you would like to improve?
- Who helps you learn?
- Which resources do you find help you learn?
- Are there any resources you don't have but think might help you learn?
- Do you know what you might like to learn or do in the future?

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KS1 follow-up ideas

Option 1

Step into the shoes of your teacher and lead the class to complete an activity! Choose your task, which could be reading a book, solving a maths problem or explaining how to do something creative! Reflect on how it felt to be the teacher. What was fun? What was hard?

Option 2

Write a thank you card to a teacher at school. This could be your class teacher, head teacher or another member of staff. You might think about:

- Has someone helped you to settle in at school?
- Has someone helped you with something you found tricky?
- Has someone listened to you?

Write your thank you message, decorate your card and deliver it to the recipient. Your card is sure to make their day!



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This week's useful websites

This week's news story

<https://news.sky.com/story/uks-first-teacherless-ai-classroom-set-to-open-in-london-13200637>

This week's useful video

The first UK teacherless class
www.youtube.com/watch?v=MHFCVbUcwIE

This week's Virtual Picture News

www.picture-news.co.uk/discuss

This week's vocabulary

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#BigAssembly

On Friday 6th September, Picture News hosted its big back-to-school assembly, all about celebrating differences and overcoming adversity. The assembly took place following a summer of news dominated by stories of unrest. The message: even in difficult times, there are ways to spread love, light and hope. Picture News founder and host of the webinar, Katie Harrison, was joined by a staggering 501,310 people - perhaps you were one of them! The whole Picture News team were thrilled to see so many schools participating, especially after another popular assembly featuring Paralympian, Stef Reid, reached 427,343 viewers in

July. After the assembly, Katie commented, 'We were blown away by your insightful thoughts and contributions. It really highlighted what a wonderful future generation we have!' Don't worry if you missed out this time, keep your eyes peeled for future big assemblies to join!



Pictured: Picture News mascot, Peter Bear!
Source: Picture News.

Castle for a Classroom!

Imagine starting school in a castle! That's exactly what happened for some students in Exeter. This year, the new school term began at a very special place - Powderham Castle! The castle is over 600 years old and is full of history, with big stone walls, grand rooms, and beautiful gardens. The students will be learning in this amazing setting while their usual school building gets some repairs. For now, Powderham Castle is their classroom! One student, Lucy, said, 'It's so exciting to have our lessons in a real castle! It feels like we're living in a fairy



Pictured: Powderham Castle, Exeter.
Source: bryce_isobel on X.

tale.' The castle offers lots of space for learning, and the children will even get to explore some of its historic rooms and gardens during their breaks. This is a school term they will never forget! The students are enjoying their new, temporary home, and everyone agrees it's a magical place to learn.

How can we respond to unexpected events?



I think they should stay calm and speak to each other because that's their only company.

Rosalee T, 10

Let us know what you think about this week's news



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help@picture-news.co.uk



[@HelpPicture](https://twitter.com/HelpPicture)

'Whaley' Strange Looking Plane!

Plane spotters were excited to watch as an Airbus Beluga made a rare landing at London's Heathrow Airport. The unusually-shaped transporter was carrying parts for a plane that has been grounded since earlier this year. The vehicle is reported to be the 'world's most bizarre plane'. Due to its oversized cargo hold on top, it resembles a beluga whale. The Airbus A300-600ST (Super Transporter), or Beluga, is a specialised wide-body airliner used to transport aircraft parts and outsize cargo, such as helicopters!



Pictured: The Airbus BelugaXL.
Source: Airbus on X.

Airbus currently operates a fleet of six Beluga planes. The mega-planes measure 56 metres long, have wingspan of nearly 45 metres, and can carry up to 40 tonnes of cargo in their fuselage. The aircraft is even temperature-controlled to also carry sensitive deliveries, such as satellites or precious paintings.

Would you like to see this giant plane?

Have you ever watched a plane land or take off?



Tiny Tiger

San Diego Zoo Wildlife Alliance are celebrating the birth of a Sumatran tiger cub at San Diego Zoo Safari Park, in California, USA. The zoo shared, 'First-time mum Jillian gave birth to a healthy male cub 🐅. Mum and cub are both healthy and bonding behind the scenes. With less than 600 Sumatran tigers left in the wild, this birth is incredibly significant for the genetic diversity of the population 🐅❤️'. Sumatran tigers are critically endangered and the tigers at San Diego Zoo are part of a worldwide 'Species Survival Plan'. The park is very proud of their new tiger mum and her keepers. Senior Vice President, Lisa Peterson, said, 'Jillian's care team has done an exceptional job monitoring her and her cub throughout this process, and it has been a joy for them to watch her enjoy motherhood. We hope this cub will allow our guests to gain a greater



Pictured: The Sumatran tiger cub at San Diego Zoo Safari Park.

Source: San Diego Zoo Wildlife Alliance on X.

understanding of this incredibly special species and the importance of conserving their natural habitats.' The park looks after over 3,000 animals from more than 300 species. Living there are a large array of endangered animals from every continent, except Antarctica. The park is involved in a number of programmes that work towards growing the numbers of these endangered species.

Do you know any interesting Sumatran tiger facts?

How can we respond to unexpected events?



We can respond to unexpected events by trying to be positive, having hope that things will work out for the best.

Jasper H

Let us know what you think about this week's news



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TAKEHOME

23rd - 29th
September



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David Game

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Things to talk about at home ...

- > What do you imagine it would be like to learn without a teacher? What difficulties do you think might arise? What do you believe the benefits could be?
- > What qualities do you think make a good teacher? Ask others at home. Do you agree on all of the qualities?

Please note any interesting thoughts or comments

Share your thoughts and read the opinions of others

www.picture-news.co.uk/discuss

