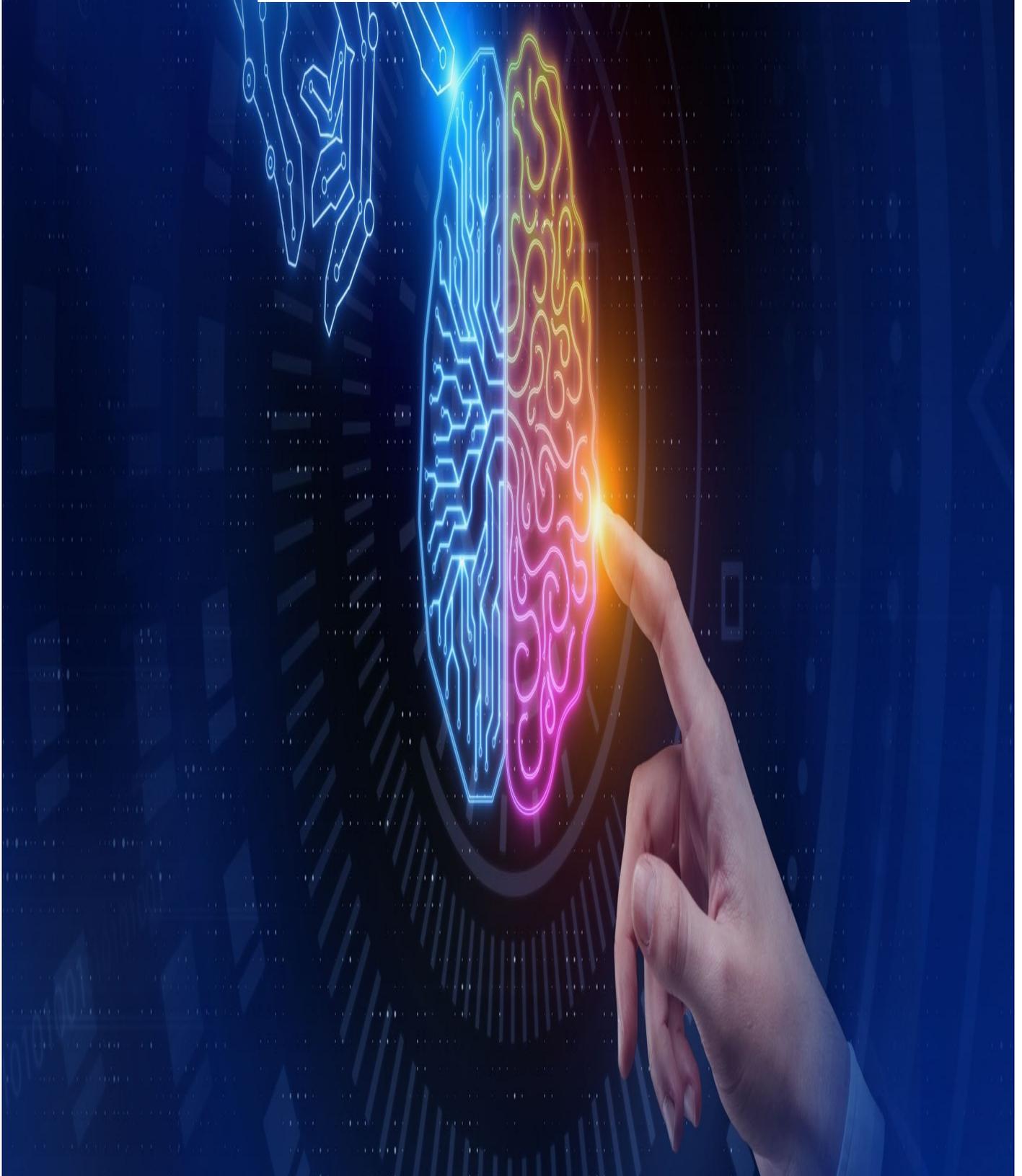
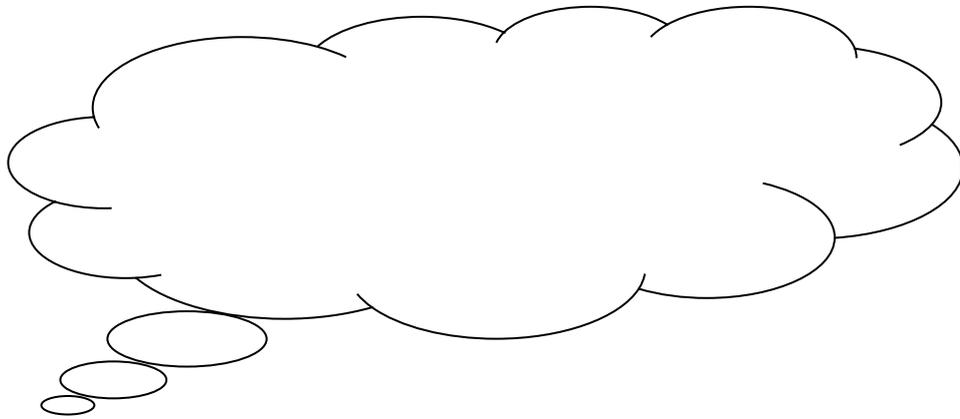


Artificial Intelligence Scheme of Learning Source Booklet

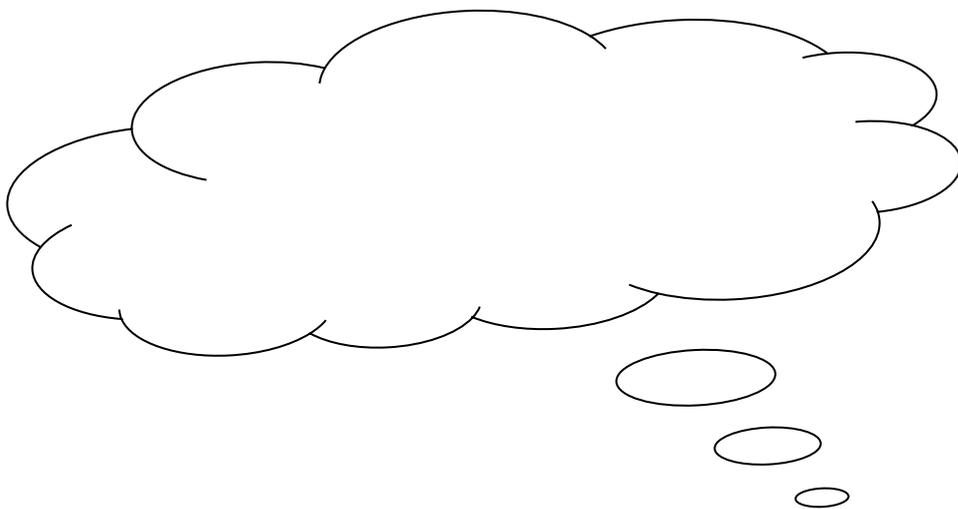
Name_____



'Artificial' makes me think of...



'Intelligence' makes me think of...



Word	Definition	Situations	Image
<p>Artificial</p> <p><i>Adjective</i></p>	<p>1. made or produced by human beings rather than occurring naturally</p> <p>2. (of a person or their behaviour) insincere or affected.</p>	<ul style="list-style-type: none"> • There isn't any natural light so we can only have artificial plants. • Her skin was luminous in the artificial light. • _____ • _____ • _____ • _____ 	
<p>Intelligence</p> <p><i>Noun</i></p>	<p>1. the ability to acquire and apply knowledge and skills. Antonym: stupidity</p> <p>2. the collection of information of military or political value</p>	<ul style="list-style-type: none"> • Albert Einstein is celebrated for his intelligence. • Some people are intimidated by her intelligence. • _____ • _____ • _____ • _____ 	

You Write 1:

Record your reflections on the video. Prioritise the main ideas.

Dictionary Definition
artificial intelligence
noun

the theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages..

What does this mean? Can you put this into your own words (paraphrase)? Tip: It may help you to annotate it first.

Starter Challenge:

Think of 3 things you know about A.I.

1.

2.

3.

Can you think of any ways we currently use A.I?

You write 1

Comprehensive explanation:

ARTIFICIAL INTELLIGENCE (AI)

is taking a central role in consumers' lives.

PERCEIVED BENEFITS OF AI OVER HUMAN ADVISORS



Say "available anytime"

Global 82% | US 88% |
UK 84% | Singapore 89%



Say "very polite interactions"

Global 64% | US 68% |
UK 62% | Singapore 77%



Say "faster engagement"

Global 68% | US 70% |
UK 74% | Singapore 76%



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I can deduce that:

.....

.....

.....

.....

.....

.....

Probing a Quotation

“The development of full artificial intelligence could spell the end of the human race....It would take off on its own, and re-design itself at an ever-increasing rate. Humans, who are limited by slow biological evolution, couldn't compete, and would be superseded.” — Stephen Hawking told the BBC

Can you consider what the counter arguments might be?

While Hawking believes,

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

Another contrasting viewpoint may be,

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

I think it is important for us to ask ourselves

.....
.....
.....*We should*

also consid-

er.....
.....
.....

How does this video make you feel? Justify why.

In a few, beautifully crafted sentences, the video left me feeling

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- | | | | | |
|------------|-------------|---------------|-------------|------------|
| Ambivalent | Conflicted | disconcerted | passionate | |
| relieved | mournful | inquisitive | unset- | |
| tled | patriotic | disgusted | blessed | unnerved |
| | sympathetic | | indifferent | |
| alarmed | | shocked | fearful | |
| | proud | haunted | frustrated | discon- |
| tent | isolated | amused | aghast | |
| grateful | emotional | Fascinated | accepting | |
| determined | fatalistic | defeated | | |
| | defiant | ecstatic | earnest | hesitant |
| indecisive | judgemental | | | |
| | Awkward | argumentative | stressed | disori- |
| entated | exposed | incapable | pathetic | vulner- |
| able | overwhelmed | | | threatened |
| | appalled | astounded | satisfied | delighted |
| jubilant | optimistic | | encouraged | in- |
| spired | fulfilled | unburdened | privileged | open- |
| minded | free | spontaneous | | reflective |

You Write 2:

Record your initial perceptions of artificial intelligence:

Artificial Intelligence Article

Today, we are going to talk about artificial intelligence. It is supposedly the future. Artificial intelligence, or AI, is intelligence displayed by machines created by man. One could say that artificial intelligence is a way of making a computer controlled robot, a computer, or software, think intelligently, in a similar manner to how humans think.

Certainly, AI is leading to workers' jobs being replaced by robots. However, in order to do all this, it will need even more IT programmers. So what will happen to all the people whose jobs are lost to robotic machines? Simple - they will retrain to do something different - just like all the women did, who were shorthand secretaries in the 1980s, or the workers in car plants, who were on the production line, whose work was suddenly replaced by robots doing the jobs of the employees.

AI will be used more and more. It will change the face of how we all do things. Examples include: farming - picking apples, tending crops; drones - delivery; office work - accounting and banking; healthcare - doctors and nurses; the retail industry - pricing and ordering; transport - shipping and delivery; and in the home, television and social media will transform.

Right now, we are seeing the introduction of driverless cars and buses that use AI. People are beginning to use Amazon Echo. Some of us are now talking to Alexa, a cloud-based speech recognition system software from Amazon. However, in time, this might kill different regional accents, and make us all speak the same.

Elon Musk and Bill Gates, along with several other billionaires, have backed OpenAI, an organisation dedicated to developing AI. They want it to benefit humanity, rather than destroy the world, which is a negative side of AI that

Summarising an Article

In your OWN words, summarise the main points of the article.

- 1.
- 2.
- 3.
- 4.
- 5.

Research Task :Do you know that all of these avenues use A.I? Can you explain or guess how?

Video games -

Drones-

Driverless cars-

Smart home devices -

Smart phones-

Security and surveillance -

Online ads-

Key Quotations

“It's going to be interesting to see how society deals with artificial intelligence, but it will definitely be cool.” —Colin Angle

“I visualize a time when we will be to robots what dogs are to humans, and I'm rooting for the machines.” — Claude Shannon

Imagine how a medical robot, originally programmed to rid cancer, could conclude that the best way to obliterate cancer is to exterminate humans who are genetically prone to the disease.” — Nick Bilton, tech columnist wrote in the New York Times

“The real question is, when will we draft an artificial intelligence bill of rights? What will that consist of? And who will get to decide that?” —Gray Scott

“We must address, individually and collectively, moral and ethical issues raised by cutting-edge research in artificial intelligence and biotechnology, which will enable significant life extension, designer babies, and memory extraction.” —Klaus Schwab

Pick a Quote

A: Agree with it -justify why or

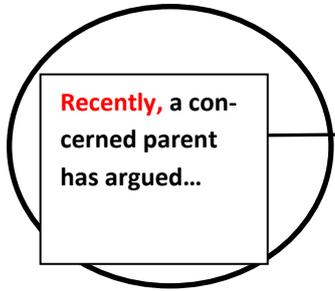
B: Build on it or

C: Challenge it -justify why

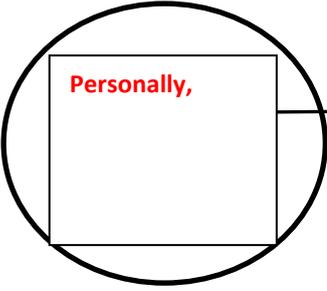
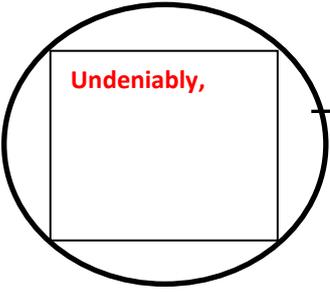
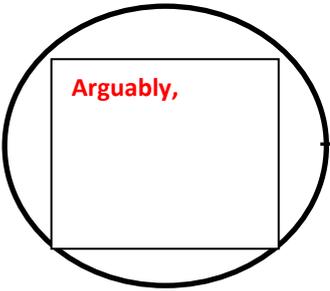
Advantages

Disadvantages

Success Criteria for an Exposition	Effect/Reason Why It's Important
Purpose:	
Audience:	
Format:	
Tone:	



Make it clear what the essay is about and your point of view. Address the quotation.



Finally,

