

DAY ONE

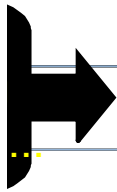


What is a Robot?

Think-Write-RoundRobin

1. On your scratch paper, jot down your answer.
2. Wait for the teacher's signal.
3. Person with the longest hair will go first:
 - introduce yourself to your group;
 - read your answer or explain your answer.
4. Go around the circle until all answers have been shared.

Our ideas:

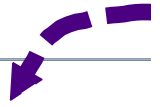


WRITE THIS

What is a Robot?

DAY ONE

[Redacted]



[Redacted]



[Redacted]

[Redacted]

Handwriting practice lines with a vertical margin line on the left and horizontal lines for writing.



What are some examples of Robots?

DAY ONE

RallyRobin



1. Shoulder partners stand and face each other.
2. Person with the longest hair will go first:
 - introduce yourself to your shoulder partner;
 - offer an answer.
3. Person with shorter hair go second:
 - introduce yourself to your shoulder partner;
 - offer another answer.
4. Continue taking turns offering examples. Sit when you can't think of any more.

Our ideas:

real
fictional

What is a Robot?

DAY ONE



Characteristics of a Robot:

in other words,
how can you tell if something
is a robot or not?

Look back at what we wrote in our notebooks.... Choose an example of a Robot and explain how it matches one or more of these three characteristics.

- it can sense its environment
- it can respond to instructions

nature doesn't

Do Now: On your slip of paper, explain how this robot matches the **three characteristics of a robot**. Use specific examples to support your explanation. DAY TWO



Baba Shaniqua

Wall-E is a rob because...

- blah blah blah*
- blah blah blah*
- blah blah blah*

What is a Robot?

DAY TWO

Characteristics of a Robot:

- it is manufactured
- it can sense its environment
- it can respond to instructions

in other words,
how can you tell if something
is a robot or not?

What does
like? What
robot c

people made it,
nature doesn't

Remember
from
yesterday...

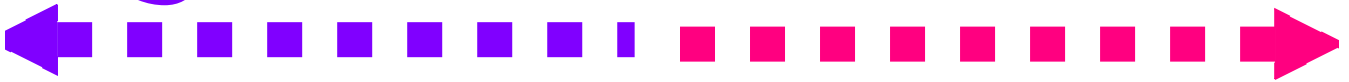
Poll the class - stand
left and right

DAY TWO

**Does a robot have to be
capable of movement?**

yes

no



1. Turn to your shoulder partner.
2. Person with the smallest hands go first:
 - introduce yourself;
 - explain why you chose this answer.
3. Share out reasons.
4. Return to your seat.

Is a Washing Machine a Robot? DAY TWO

It moves...

Round Table Consensus

1. On your scratch paper, jot down your answer.
2. Wait for the teacher's signal.
3. Person with the smallest hands will go first:
 - introduce yourself to your group;
 - read your answer or explain your answer.
4. Go around the circle until all answers have been shared.
5. Come to an agreement. Be prepared to share.



Our ideas:

yes no

A

C

E

G

B

D

F

H

What about an ATM?

DAY TWO

Round Table Consensus

1. On your scratch paper, jot down your answer.
2. Wait for the teacher's signal.
3. Person with the smallest hands will go first:
 - introduce yourself to your group;
 - read your answer or explain your answer.
4. Go around the circle until all answers have been shared.
5. Come to an agreement. Be prepared to share.



Our ideas:

yes no

A

C

E

G

B

D

F

H

HOMEWORK

*Look at some machines around your home. Could any of them be considered robots? Choose one machine that a person could **claim** to be a robot and provide **evidence** to support this claim.*

Do Now: Share your homework with your table group.

DAY THREE

1. Youngest person goes first:
 - introduce yourself;
 - share the machine you chose and the evidence that supports the claim it is a robot.
2. Go around the group sharing your homework.



Why do we have Robots?

DAY THREE

[Orange bar]

[Orange bar]

[Orange bar]

[Orange bar]

[Orange bar]

[Orange bar]

Some real robots...

DAY THREE



DaVinci



Big Dog



Kiva

Aibo



Petman



Curiosity Rover

