DreamSpace TV: Episode Six
Extension 1 Activity Sheet

Name: _____

Date: _____

This activity aims to start a discussion based on the question of whether computers can exhibit "intelligence," or are ever likely to do so in the future. Based on Alan Turing's (computer scientist) view of how one might recognise artificial intelligence if it ever appeared.

This activity takes the form of a game in which the children must try to distinguish between a human and a computer by asking questions and analysing the answers. This game should be conducted in an interview style. The game is played as follows.

1. Put the students in groups of three. One student is the "judge".
2. The other two students will take on the role of "The Human" and the other as the "The Computer" (this should be kept as a secret from the judge).
3. It is up to the judge to decide who they think is the computer.
4. The students acting as "The Computer" will be provided with a list of answers to the questions the judge will ask.
5. The student acting as "The Human" will also be provided with the list of questions BUT should go ahead and answer the questions as they normally would.

Create
your **Future**

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"The Computer" Handout
Be sure to answer the questions as they are written below

Q1. What is the name of Bart Simpson's baby sister?
A1. I can't remember.
Q2. What do you think of Harry Potter?
A2. Harry Potter is an interesting wizard.
Q3. Are you a computer?
A3. Are *you* a computer?
Q4. What is the next number in the sequence 3, 6, 9, 12, 15?
A4. 18
Q5. What do you think of nuclear weapons?
A5. Nuclear weapons are very dangerous and should not be used.
Q6. What's the capital of Peru?
A6. I never really thought about it.
Q7. Do you like school?
A7. Yes, I like school.
Q8. Do you like dancing?
A8. Yes, I like dancing.

Q9. Which month is different in a leap year?
A9. Feb.
Q10 How many days are there in a week?
A10. Seven.

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"The Human" Handout
Be sure to answer the questions the way you normally would

Q1. What is the name of Bart Simpson's baby sister?

_____

Q2. What do you think of Harry Potter?

_____

Q3. Are you a computer?

_____

Q4. What is the next number in the sequence 3, 6, 9, 12, 15?

_____

Q5. What do you think of nuclear weapons?

_____

Q6. What's the capital of Peru?

_____

Q7. Do you like school?

_____

Q8. Do you like dancing?

_____

Q9. Which month is different in a leap year?

_____

Q10 How many days are there in a week?

_____

Create
your **Future**

DreamSpace TV: Episode Six
Extension 2 Activity Sheet

Name: _____

Date: _____

Engineer and construct your own bridge that is a height of 20cm and spans a distance of 50cm **using as few materials as possible**

Conditions:
❑ Your bridge **must** be able to withstand a SHAKE without collapsing.
❑ Your bridge must be able to support your phone without collapsing

THINGS TO THINK ABOUT:

1. How could we use this equipment to get to that distance but also support the weight?
2. What weights are the materials provided? How will this effect it?
3. What can stabilise the bridge? How we can ensure equilibrium?

THINGS TO DO:
1. Name the bridge
2. Note it's exact distance
3. Be ready to present it, or pitch it to the class

Create your Future