



**Food Technology Challenge activity - I can investigate new and emerging technologies**

**Heston Blumenthal is a celebrity chef; his multi-sensory approach to food is inspiring.**

**Make a newspaper article about this talented chef, add images**

**Titles could be:**

**Seven ways Heston Blumenthal changed the food and restaurant world**

**Heston's interesting kitchen equipment**

**What inspires Heston ?**





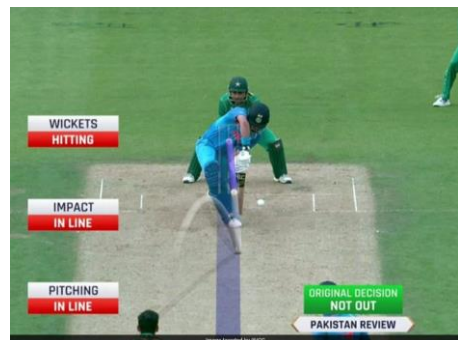
**Can you explain one of the following technologies used in professional sport?  
(produce a PowerPoint)**

**DRS in cricket**

**VAR in football**

**TMO in rugby**

**Hawk-eye in badminton or tennis**



# MEDIA CHALLENGE

What are the purposes of mass media ?

## Task 1

**Challenge** There are 4 key purposes of this type of media. Use the clues to work out what they are and match the terms.



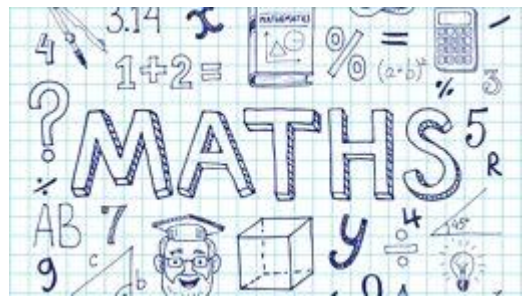
### WORD AWARE:

*Inform*      *Educate*  
*Entertain*      *Persuade*

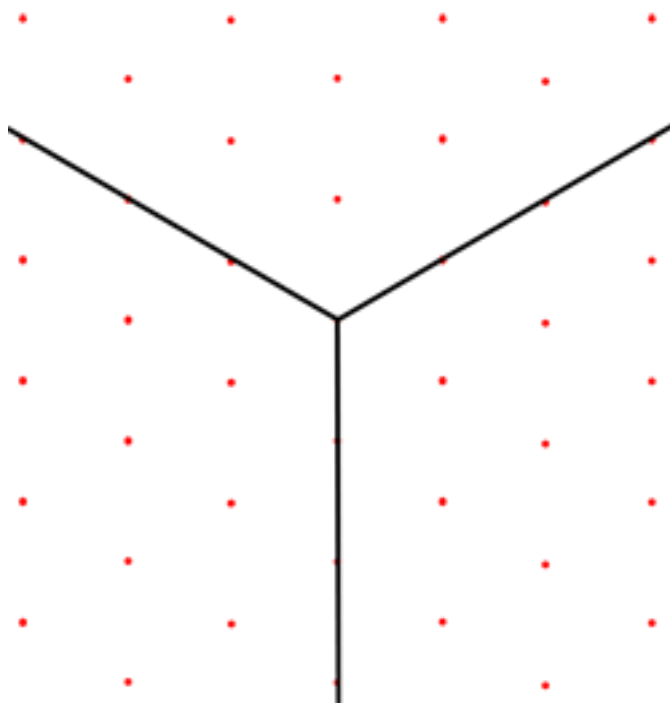
**More challenging** How can each of these types of media influence us? Explain three positive and three negative ways.

**Mega challenge** What checks are put in place to ensure the media is reliable?

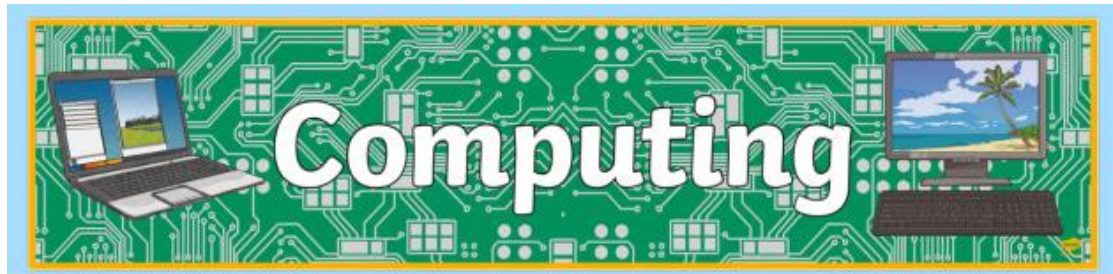
(See the Ofcom worksheet) – are these enough? What are the advantages and disadvantages?



The diagram below shows a set of three coordinate axes on an isometric drawing. What is the angle between each pair of axes?



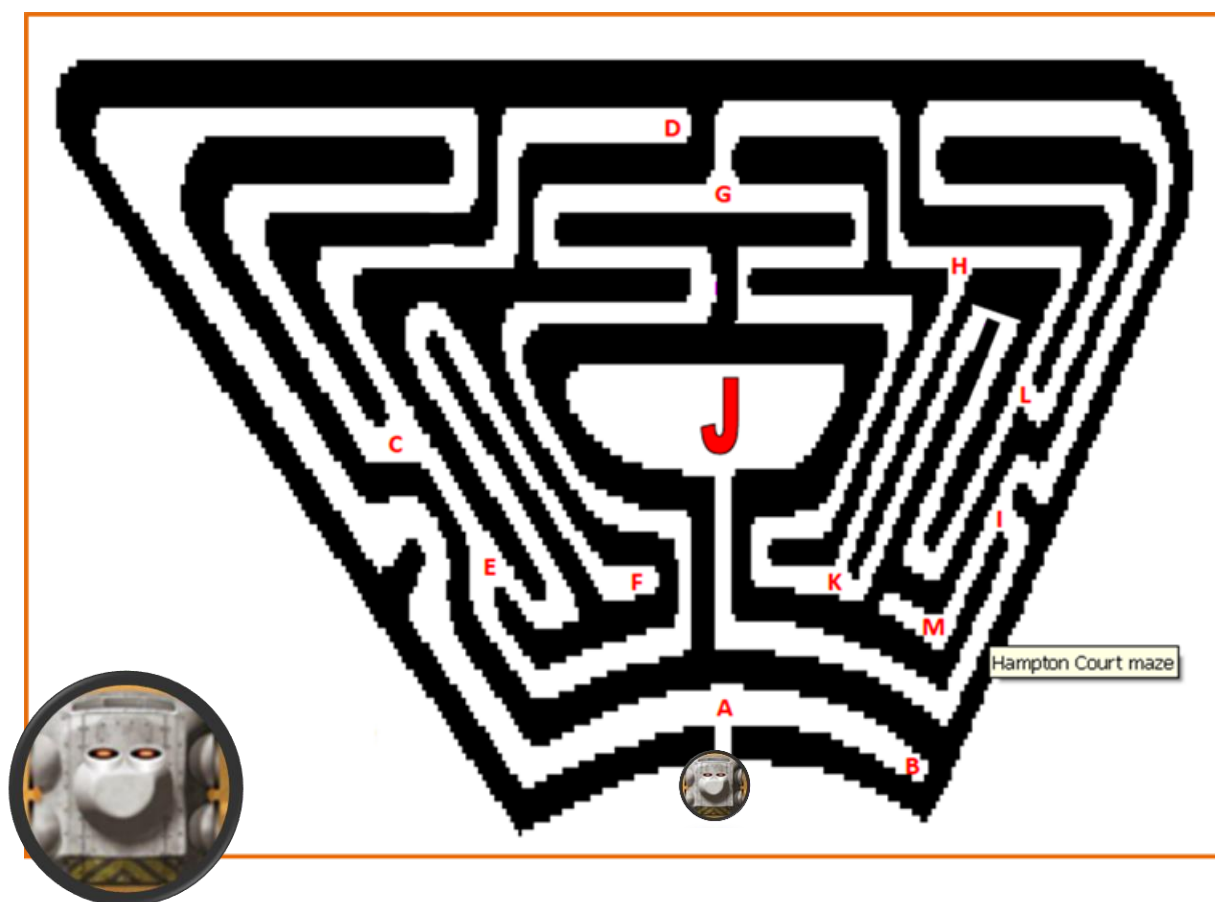
Is it possible to keep the distance between all adjacent grid points equal, and have some other angles between the axes?



## Programming and Control Challenge Task

Write only the decision points Robomind would use to reach the centre of the maze.

The route has been started for you.



A C E

# Reading

I can discuss and assess how authors use language, including figurative language and can suggest how this might impact on the reader.

The night sky was impossibly black. Darkness invaded every last molecule of the air and held its ground with absolute determination. Despite it being night time, the earth was baked and radiated intense heat. So saturated with heat was the air that breathing was nearly impossible: the hot, sticky air clogged the lungs like smoke. Beneath your feet, you might hear the faint sound of a scuttling scorpion, but this was a land where silence had a choking grip. It was as if nothing dared to make a sound; as if every living thing knew just how dangerous and deadly this place could be...

Out of the gloom, a pair of headlights began to weave their way through the desert, throwing, now and again, a flicker of light onto the great pyramids beyond. There were two men in the front: one of which was of a considerable size, the other a lean, mean faced old man with scars littering his face like roads on a map. For a few moments, the roar and splutter of the engine disturbed the hot tranquillity of this place before it came to an abrupt halt.

Task One: Read the extract above. Can you highlight and name some of the literary techniques the writer has used?

Task Two: Using the image as a reference, write an opening paragraph to a short story. Use some of the literary techniques found in the extract.

