

Hawk Signposts 9



Game Designers

Create a new board game! Find yourself a piece of cardboard, paper and create a game with a clear set of rules (which should be written down). Things to think about:

- What's the objective of the game? Is it to beat all the other players (like monopoly), solve a mystery (like cluedo) or about creating something (like scrabble i.e. creating words)
- How do you move around the board? Does your game involve dice, a spinner or another way of determining how far you can move?
- How many people is this game designed for? I would suggest a minimum of two but a maximum of six!
- What will you use for counters? Or is it a game without counters and moving? Think about games like scrabble where you don't move around the board!

This counts as both your English and creative learning for the day, so I'm expecting some excellent quality! You need to send me:

- A picture of the board your game is played on (this should be fully coloured and well presented);
- A set of the rules;
- The name of the game.

Stuck? Look at some of the ideas on the next page that other children your age have created! Maybe try basing it off a film, show or book you really like. Have a look at games in your house or on the internet to research how other games work. And most of all – be creative and enjoy!

Maths – See the problems on page 3 which are a mixture of arithmetic questions and problem-solving questions all based on things we've learned in class.

Complete your work on your google classroom account wherever possible and submit this to Miss Hill for marking. You can also send pictures of work you have done on paper, or photos of activities, to nhill@meldreth.cambs.sch.uk or over your starz account.



Arithmetic Questions

1)	0.14×1000	6)	$6378 - 8982$
2)	$17 + 12 \div 3$	7)	$22\% \times 900$
3)	12×37	8)	$(92 + 3) \div 5$
4)	75% of 278	9)	$1428 \div 4$
5)	$\frac{2}{3}$ of 96	10)	17.3×12.6

Reasoning Questions

The International Space Station orbits the Earth at a height of 250 miles.

What is the height of the International Space Station in **kilometres**?

Use 8 kilometres equals 5 miles.

A group of friends earns £80 by washing cars.

They share the money **equally**.

They get £16 each.

How many friends are in the group?

Here are three symbols.

< > =

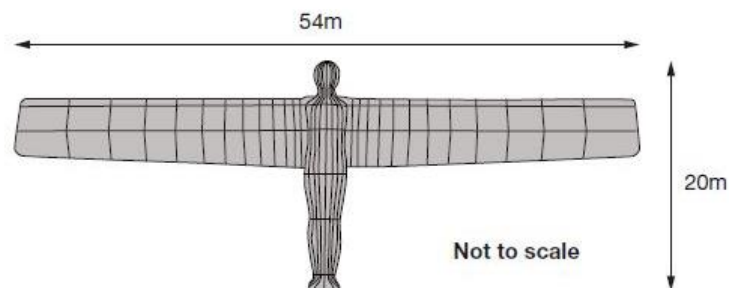
Write one symbol in each box to make the statements correct.

$\frac{7}{10}$ 0.07

$\frac{23}{1000}$ 0.23

The Angel of the North is a large statue in England.

It is 20 metres tall and 54 metres wide.



Ally makes a scale model of the Angel of the North.

Her model is 40 centimetres tall.

How **wide** is her model?

Jack has £400

He spends **35%** of his money on a new bike.



How much does Jack spend on his new bike?