



Ely St. John's Primary School



Maths- week beginning 6th July



Congratulations! You have been chosen to work for 'EJ Play' - a new company who design amazing playgrounds!

Miss Bassett has asked the company to create a new 'extreme KS2 playground', and you have been asked to put forward your design. Your playground design can include ANYTHING you like, so use your imagination! However, you also need to use the 2D shapes, angles and lines that are found on the guide sheets.

Monday:

1) Before you create your design you need to decide on the kind of features and equipment you want to have in your playground design. Remember- anything will be considered so really use your imagination! Make a list of all the things you think your perfect playground should include.

2) Look at the guide sheets. These include all the 2D shapes, lines and angles that you must include in your design. Think about where these will fit in with your design and write them next to the features and equipment on your list. E.g.

A slide- rectangle, parallel lines,

Splash pool- hexagon

Tuesday and Wednesday:

- 1) Start creating your design. Use your list to remind you which shapes, lines and angles you are going to use for each feature. You need to draw everything carefully with a pencil and ruler. You could use the squared paper (stick pieces together if you want to make a bigger design).
- 2) You could draw your equipment and features straight onto your planning sheet, or you might want to cut them out and move them around to get the very best design before sticking them down.

- 3) Label each item on your plan. You also need to label the shapes, angles and lines that you have used. You could do this by writing on your plan, or you could create a key.



Thursday and Friday:

Now it's time to find the cost of your playground design! You will do this using the shapes you have used in your design.

Pick the sheet and prices you are comfortable using, and find the total cost of your playground.

We would love to see your designs! If you want to, you could get an adult to take a picture of it and email it to the office.

Good luck!