

Mathematics Board Games

Shepherds Class

5th November 2021

Rather than simply focus on an Art theme, Shepherds class felt that it would be nice to incorporate some design elements into this Maths Reasoning Event; there is, after all, a substantial overlap between Art and Design beyond the classroom. So...

The class was split into four mixed-ability groups; each group was initially given the task of generating at least 32 maths questions (increasing to 64, in multiples of four...to accommodate up to four players) that would be suitable for Upper Key Stage 2 players.

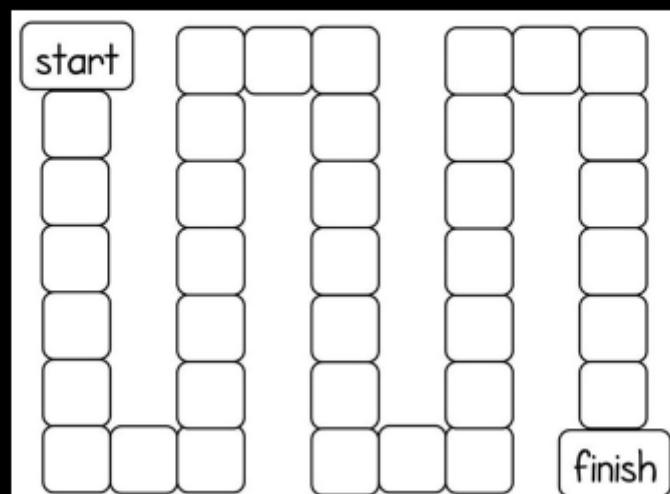
Next, an appropriate number of A7-sized cards (red, blue, green and yellow) were cut from sturdy A4 coloured card and the children wrote their questions neatly on them. Each group decided on their preferred game board design, from a small selection, or chose to design their own.

Given time constraint, the board games will need to be completed and trialled during the next convenient opportunity. The children are certainly looking forward to testing all the games.

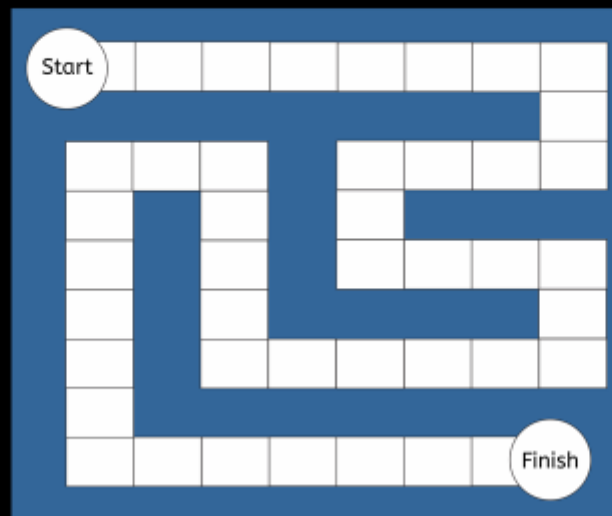
Maths Board Games

Learning Objective: to combine maths, art and design and produce a fun maths board game for two or more players.

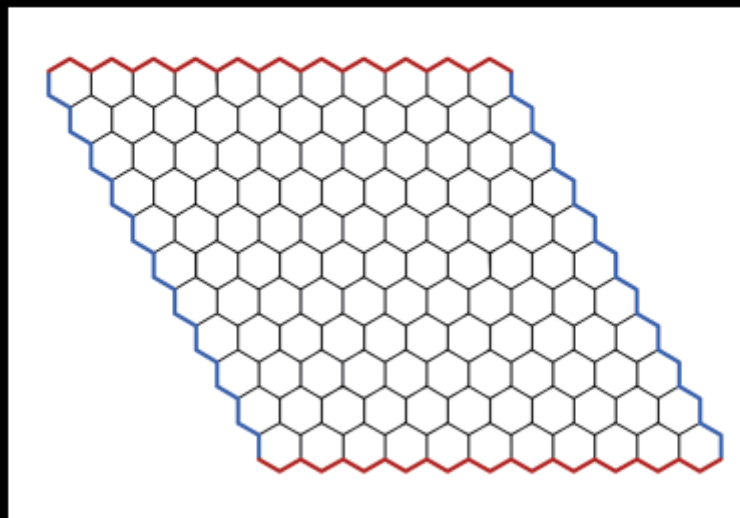
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What questions should I write?

- Multiplication Facts
- Factors of a given Number
- Two- and three- digit addition and subtraction
- Primes, squares and cube numbers.

How many questions should I write?

At least thirty-two,
Maybe even more!!!

Rules?

Golden Rule Number 1: Keep the rules simple!!!

Golden Rule Number 2:
You need to write them down!!!

Recap

You need:

- A sufficient number of questions written neatly on A7 cards [red, blue, green and yellow].
- The Game Board.
- A set of simple rules that even I can understand.
- Anything else?

Recap

Yes!

In your design, you may have included the use of a die (or dice).

You will definitely require some counters (one for each player, naturally)...

I forgot to bring some in today (oops!) but I promise to bring them in on Monday.



