Hampshire Services

HIAS SCHOOL IMPROVEMENT

Objective: Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, using mental strategies

Year 3 Task: Ordering Cards   https://nrich.maths.org/8058

Equipment: Copy of number cards (cut up), pencil and paper for jottings

This is a game for two players.

Instructions:

- In pairs, look at the cards below
- Player 1, chooses a card to start the 'loop' e.g. 3 x 6 = ? and works out the answer mentally or uses jottings to help them
- Player 2, then looks to find the next card in the sequence e.g. 18 – 3 = ? and again works out the answer to the calculation
- The game continues until all of the cards have been used once and a complete 'loop' has been created

7 x 2	3 x 6	12 ÷ 3
4 x 2	20 + 1	10 x 2
8 – 5	15 ÷ 3	5 x 2
21 ÷ 3	18 – 3	14 – 2

HIAS HOME LEARNING

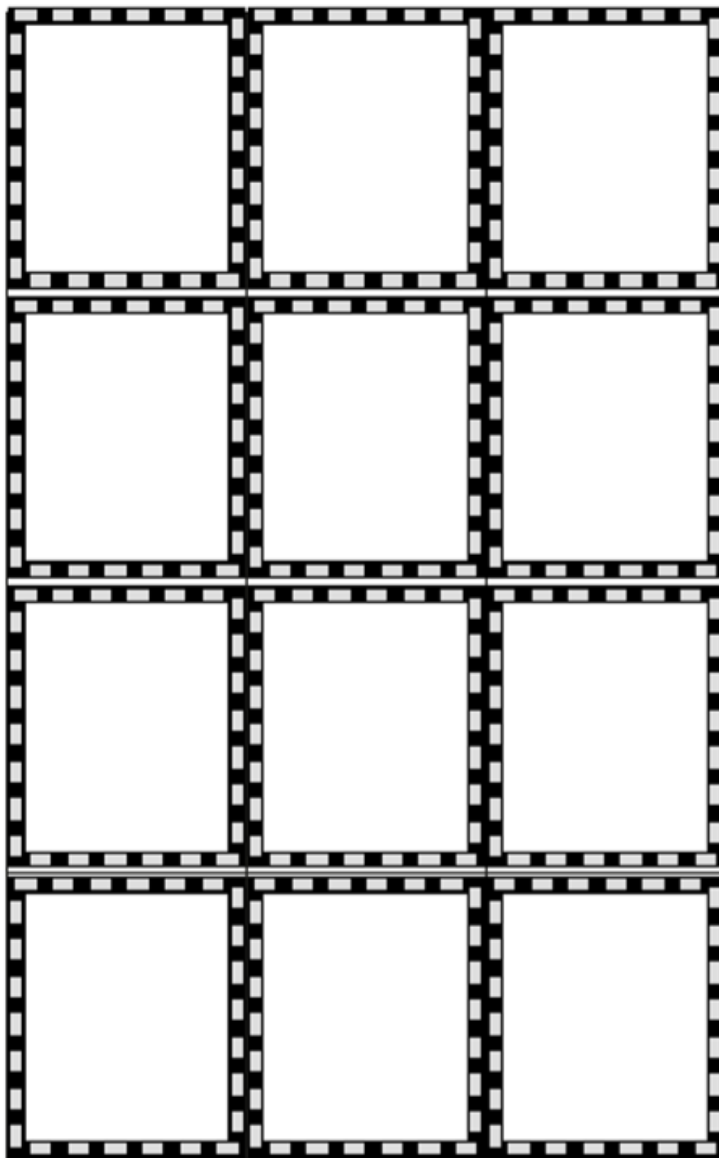Hampshire County Council

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Variation

- **What if…?**

> You and your partner timed themselves playing the game? Can you beat your time? What strategies will you use?
>
> What if you played the game on your own? How many more games could you play and improve your time?
>
> Can you beat your partner in the time that it takes you both to complete the game?

Can you use the blank template to create your own card game?

The cards should form a 'loop' so it does not matter which card is used to start.

What if you made the 'loop' longer and included more cards?

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