

## Good practices INTER\_518ABC\_EN

Author's name and institution:

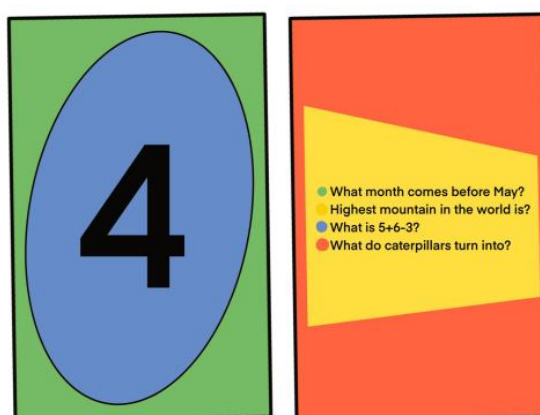
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Description of the problem / exercise: **Game 'Brain Activity'**

The idea is to use given geometric objects as a game path (similar to monopoly). The game requires a minimum of two players, one set of Poly-Universe game family and one set of questions.

Cards – they will have 3, 4, 5 numbers on their back that indicate the number of steps a player goes if he or she answers it correctly. On the other side there will be four different questions each for every color (blue, green, yellow, red).

Card sets - the first set of cards that comes with the objects should be only 'common culture' questions that the majority of people have heard. But there will be other add-ons with particular questions for school subjects like math, biology, literature, chemistry etc. That consumers would buy separately.



Explanation with pictures and in depth rules of the game:

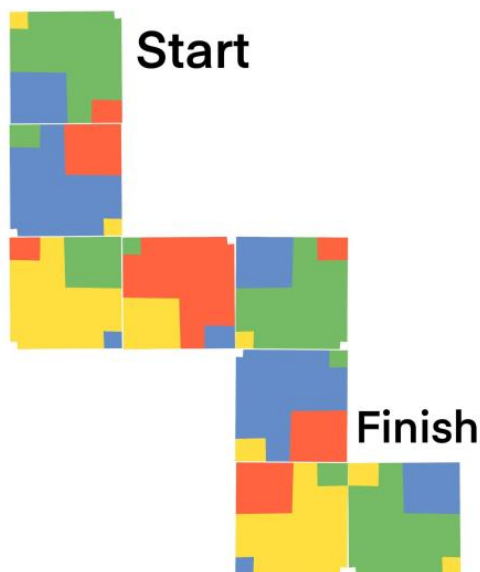
Example of one card and basic questions for kids

If for example you are playing biology set questions can be:

1. What is contained in Chlorophyll?
2. What is the soft palate?
3. Penicillin is extracted from?
4. Explain photosynthesis.

Difficulty is also determined by which set you buy and for what level of education

P<sub>2</sub> P<sub>1</sub>

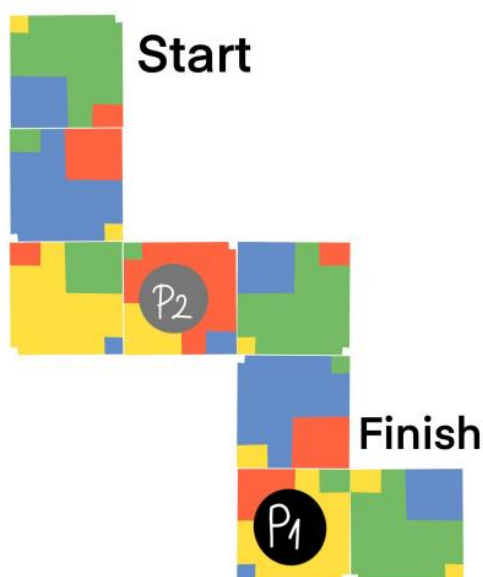


Players start at the same exact spot. First player pick a card 3, 4 or 5 and can answer any question from the list, this option is only given in the first round.

Next time player 1 cannot pick the same number as before (he cannot pick 5 two times in a row then he picks between 3 and 4).

In the second round if P1 landed on the yellow square, (mainly) he needs to answer the yellow question on the card.

This applies to all the colors. Biggest color in a square determines which question players are answering.



In this situation if P2 picks card 3 and answers it correctly player P1 will go at the start of the maze and start again. (Players can eat each other)

Winner is the one who first gets to the finish line. In the real game, there will be more squares than shown in the picture.

- *Why this exercise is good: Its a fun way for people of all ages to test their knowledge in certain subjects.*
- *Which level is recommended: Elementary+*
- *School subject(s): All school subjects*