Life is math around us: MATH in GAMES
INFINITY GAME

SUBJECT: ***mathematical board game*** *aimed to revise or strengthen math topics of 6th grade curriculum*

Ideal NUMBER OF PLAYERS: **2 – 4**

AGE: **11+**

You need (components):

- Game board – size A2 (in attachment)
- Playing pawns / tokens (1 player = 1 pawn)
- Dice (1 player = 1 dice)
- Set of coloured playing cards (in attachment 6x18) – *we just printed them on coloured paper* ☺
- a piece of paper and a pen / a pencil for the counting.

TOPICS and corresponding COLOURS:

1. **Decimal numbers = BLUE (cards number 1-18)**
2. **Perimeter and area of square and rectangle = PURPLE (cards 19-36)**
3. **Angles = GREEN (cards 37-54)**
4. **Divisibility of numbers = RED (cards 55-72)**
5. **Combinatorics = ORANGE (cards 73-90)**
6. **Funny commands = YELLOW (to practise English) (cards 91-108)**

RULES (Procedure):

1. To choose the player who starts the game, all the players roll their dice at once.
2. Player with the lowest number has the right to start the game.
3. **Player can move to game board playing fields when he/she rolls a <u>prime number (2,3,5).</u>**
4. Players then take turns in a clockwise order.
5. Players always move their pawn according to the rolled dice value.
6. There are fields of different colour. Player takes a card from corresponding set.
7. Player must complete the task on his card. If he/she is successful, he/she can stay on the field. If not, he/she must go back to last starting point.
8. Winner is the player who reaches the FINISH first.

This is very friendly game – so you normally do not eliminate your partner if you meet him/her on the playing field. But if you find it exciting, you can slightly change the rules.