

Welcome to the Carranballac Corker. This is the weekly Family Learning Activity Page. Discuss the challenges and place your completed sheet in the box near the office. The correct winning entries will be drawn at the whole assembly on Monday mornings.

Word of the Week: Write a definition for the following.

Adjacent: _____

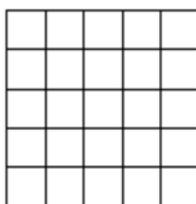
Last Week's word: Remainder: amount left over after dividing a number, for example, $9 \div 4$ leaves a remainder of 1.

Early Years:

https://eclass.upatras.gr/modules/document/file.php/PDE1456/challenges_year_1_and_2.pdf

Odds and evens

You need 13 counters or coins.



Draw a 5 by 5 grid.
Put counters on it.
You can put only one counter in each space.

1. Place 13 counters.
Get an **odd** number of them in each row and column and the two main diagonals.
2. Place 10 counters.
Get an **even** number of them in each row and column and the two main diagonals.

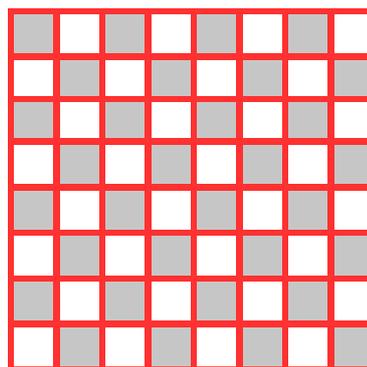
Middle Years:

https://eclass.upatras.gr/modules/document/file.php/PDE1456/challenges_year_1_and_2.pdf

Square Numbers

How many squares are there on a chessboard?

(Hint: Look for more squares than simply the $8 \times 8 = 64$. Are there other squares? Would a formula help? Think about square numbers).



Fun Activity

Grow a Container Garden: It is easy to grow a container garden. Even if you live in a rental property, there is room on a windowsill for a small potted plants or herbs. The easiest and most rewarding plants for a patio or indoor garden are culinary herbs or leafy salads: great for cooking and garnishing! For good success from seed, try parsley, chives or rosemary. Happy growing!



Previous Week's Answers

Early Years:

1 then 6; 3 then 4; 4 then 3; 5 then 2

Middle Years:

Using 4 numbers: highest score - $19+15+17+18 = 69$, lowest score - $6+5+2+17 = 30$
Using 5 numbers: highest score - $20+18+13+17+18 = 86$, lowest score - $6+18+2+5+6 = 37$
Using five numbers and diagonal joins: highest score - $19+17+14+15+18 = 83$, lowest score - $13 + 6 + 20 + 2 + 6 = 47$

Due: Friday 28th April