

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.

Bar Graph: _____

Last Week's word: Acute Angle – an angle measuring less than 90 degrees.

Early Years:

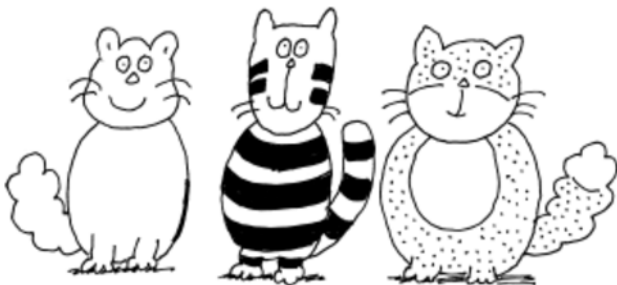
https://eclass.upatras.gr/modules/document/file.php/PDE1456/challenges_year_1_and_2.pdf

Kieron's cats

Kieron has three cats.
Each is a different weight.

The first and second weigh 7 kg altogether.
The second and third weigh 8 kg altogether.
The first and third weigh 11 kg altogether.

What is the weight of each cat?



Middle Years:

In a certain college, 40% of the senior class students is taking Physics, 30% is taking calculus and 10% is taking both.

If 40 students are enrolled in the senior class, how many students are taking neither Physics nor calculus?

Family Fun Activity

Fireworks in a Jar

This simple fun science experiment can be done with items from your pantry

What you need: 1 x empty jar, drops of food colouring, warm water & 3 tbsp vegetable oil.

Method:

1. Fill the jar about 3/4 full with warm water from the tap.
2. In a separate bowl or dish, place three tablespoons (approx) of vegetable oil.
3. Carefully put drops of different colour food colouring into the oil.
4. Mix it all gently with a fork, just enough to disperse the food colouring a little bit. You'll notice it doesn't mix with the oil, it just breaks up into smaller dots.
5. Now pour the oily and colour mixture into the warm water in your jar.
6. Watch as the coloured drops sink down into the water and mix together creating a firework effect.

Due: Friday 3rd March