

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.

Width: \_\_\_\_\_

**Last Week's word:** Variable – a quantity that can change or vary, taking on different values.

**Early Years:**

[https://eclass.upatras.gr/modules/document/file.php/PDE1456/challenges\\_year\\_1\\_and\\_2.pdf](https://eclass.upatras.gr/modules/document/file.php/PDE1456/challenges_year_1_and_2.pdf)

**Treasure hunt**

Jed and Jake are pirates.  
Between them they have three precious jewels:  
a ruby (R), a diamond (D) and an emerald (E).

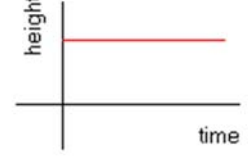
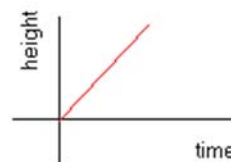


Complete the table.  
Show what jewels each pirate could have.

Jed	Ⓜ						
Jake	Ⓜ	Ⓝ					

**Middle Years:**

Water is being pumped, at a constant rate, into an underground storage tank that has the shape of a rectangular prism. Which of the graphs below best represent the changes in the height of water in the tank as a function of the time?



**Family Fun Activity**

**Make Slime**

Slime is one of the best ways to keep children of any age happy for hours on end. You can mix one box of cornstarch with 1/4 cup of water and some food colouring for a tricky, sticky mess that transforms from a solid to liquid when squeezed. Or, for a more elaborate (but less messy) recipe, gather together the following ingredients, and click [here](#) to access an easy slime recipe video. Your kids will thank you!

- 1 teaspoon borax
- 1.5 cups water
- 1 4 oz. bottle of white glue
- 8 drops food colouring

**Due: Friday 17<sup>th</sup> February**