

## 4<sup>th</sup> Class work Week- Beginning 18<sup>th</sup> May 2020

Hello 4<sup>th</sup> class, I hope ye all had a lovely week. Thank you to those of you who have sent on your videos and Art work for the Olympics. Keep up the lovely work.

Here is an **example** of a timetable to help you lay out your work this week.

	Monday	Tuesday	Wednesday	Thursday	Friday
Maths	MYM Test 18 Q's 1-12  M.Mate Length P.36	MYM Test 18 Q 13-20  M.Mate P.37	MYM Test 18 Q21-25  M.Mate P.38	MYM Test 19 Q1-16  M.Mate P.41	MYM Test 19 Q17-25  IXL Practice
English	Golden Harp unit 28	Golden Harp unit 28	Golden Harp unit 28	Golden Harp CREATIVE WRITING	Spelling practice
Gaeilge	L. sa Bh Pg.69	L.Sa. Bh Pg.70  F&F	L.Sa. Bh Pg 71  F&F	L.Sa. Bh Pg 72  F&F	<a href="https://sine4.edco.ie/">https://sine4.edco.ie/</a>  -revision
Other 30-40 mins	ART STEM				
	Library book	Library book	Library book	Library book	Library book
	GET ACTIVE	GET ACTIVE	GET ACTIVE	GET ACTIVE	GET ACTIVE

\*FIO: Figure it out F & F: Fuaimeanna & Focail

[bredakeating@ymail.com](mailto:bredakeating@ymail.com)

**English: The Golden Harp: Unit 28:** Seán McSharry climbs over the clouds Read Pages 115 & 116; Answer activities A, B, C, D, E.

**CREATIVE WRITING:** Imagine you are preparing for a huge adventure like Seán. Write a diary entry ( $\frac{1}{2}$  page) about it.

- **Spellings:** <https://www.spellingsforme.ie/> I can see that many of you have completed many tests. Please keep working through the tests and any words you spell incorrectly will be added to your 'Learning wall', which we will use to revise in the coming weeks.
- **Library book:** Continue spending time reading the books you love ☺ At least 20 minutes every day.

## Maths:

- Master Your Maths: Complete Test 18 & 19
- Maths Mate: Chapter 13 Length & Perimeter; Chapter 15 Pg. 41

### Some reminders:

**\*Make sure you check if the answer should be in cm or m before you write the answer.**

Pg. 36 Q. 5       $130\text{cm} = 1 \frac{3}{10} \text{ m}$        $210\text{cm} = 2 \frac{1}{10} \text{ m}$

Pg. 37 Q1.       $\frac{3}{100} \text{ m} = 3\text{cm}$       Q2.       $14\text{cm} = \frac{14}{100} \text{ m}$

Q3.       $1\text{cm} = 0.01\text{m}$       Q4.       $2\text{cm} = \frac{2}{100} \text{ m} = 0.02\text{m}$

Pg. 41 Q 7       $100\text{m} = \frac{100}{1000} \text{ or } \frac{1}{10}$        $250\text{m} = \frac{1}{4} \text{ km}$        $500\text{m} = \frac{1}{2} \text{ km}$        $750\text{m} = \frac{3}{4} \text{ km}$   
 $200\text{m} = \frac{1}{5}$

**\* Perimeter is when you add all the sides of a shape. Imagine you are putting a fence around your garden. You would calculate the perimeter to find how long the fence would need to be.**

**\*\*There is information about some 3D shapes and Perimeter at the end of this document to help you. Also. Remember to use your fraction wall**

- Tables & Mental Maths: <https://ie.ixl.com/math/class-4>  
This week please select **4<sup>th</sup> class** and revise **PATTERNS AND SEQUENCES**

## Gaeilge:

- Léigh sa bhaile: Pgs 69, 70, 71, 72  
Remember to read the 'Foclóir' boxes and the passage twice before answering questions into your Homework copies.
- F&F: Aonad 22
- <https://sine4.edco.ie/> Take some time to practice Irish online. This week take a look at BIA and go through the activities. Take your time reading the words and sentences and complete the exercises.

## **Other:**

**Stay Active:** Get outside- spend time cycling, walking, skipping, playing games, exploring around your garden. If it's wet, use Go Noodle and 10 at 10 to stay active inside. <https://app.gonoodle.com/> and <https://rtejr.rte.ie/10at10/>

## **Get Creative:**

**Art:** Drawing. Practice your drawing skills. Here are some Youtube clips to give you inspiration.

LION: <https://www.youtube.com/watch?v=bsOW-YfM3Xc&feature=youtu.be>

ELEPHANT: <https://www.youtube.com/watch?v=JtDCBI9weT0&feature=youtu.be>

## **STEM:**

Get your whole family involved and start some of these STEM activities at home. Print it off and tick them off as you go along.



# 77 (MORE) Simple STEM Activities for Families



- ☒ Create a treasure hunt with a map & clues
- ☐ Learn to identify trees by their leaves
- ☐ Read a book with a STEM theme
- ☐ Make the alphabet from sticks or other natural items
- ☐ Make your name or words out of recycled materials
- ☐ Interview a relative using [storycorps.org](http://storycorps.org)
- ☐ Take your bike apart and put it back together it
- ☐ Make something from old puzzle pieces
- ☐ Watch *Hidden Figures*
- ☐ Make a LEGO maze
- ☐ Test objects in your house to see if they float or sink
- ☐ Write instructions to make a sandwich & let someone follow them exactly
- ☐ Use the cards A-10 & play *War*, but see who can add, subtract, or multiply fastest
- ☐ Play Battleship
- ☐ Build a paper airplane launcher
- ☐ Build a fort using couch cushions & blankets
- ☐ Plant some flowers
- ☐ Make something useful from duct tape
- ☐ Invent something to solve a problem in your home
- ☐ Make "rubber stamps" out of cardboard & pasta
- ☐ Learn to solve a Rubik's Cube
- ☐ Write your own book, including drawings & cover
- ☐ Rearrange furniture in a room to improve function & movement in the room
- ☐ Track & graph your high score in a game
- ☐ Make ice cubes from various liquids & see how long each takes to freeze

- ☐ Make dinner for your family
- ☐ Determine how much waste there is from cooking a meal
- ☐ Invent your own musical instrument
- ☐ Try making gears using the website [gearsket.ch](http://gearsket.ch)
- ☐ Create a secret code using a shift or "Caesar" cipher
- ☐ Pick a word & see how many other words you can make from the letters
- ☐ Measure & graph temperature or rain totals
- ☐ Draw your own comic book
- ☐ Make a time capsule to open in 10 years
- ☐ Make artwork using shaving cream, food coloring, & a toothpick
- ☐ Plant a butterfly garden
- ☐ Invent a toy for your pet
- ☐ Watch *Cloudy with a Chance of Meatballs*
- ☐ Freeze a small toy or coin in water & make a time-lapse video of it melting
- ☐ Put different amounts of water in class containers & tap gently to make music
- ☐ Make paper airplanes using [foldnfly.com](http://foldnfly.com)
- ☐ Try sprouting a carrot top, dried bean, or fruit seed
- ☐ Put some dirty pennies in vinegar
- ☐ Put celery or flowers in water that contains food coloring
- ☐ Learn bird calls
- ☐ Build the tallest tower with 1 piece of paper & tape
- ☐ Turn an old book into a secret hiding place
- ☐ Learn to cook a new recipe or invent your own
- ☐ Observe the moon each night & take pictures to make a time-lapse video

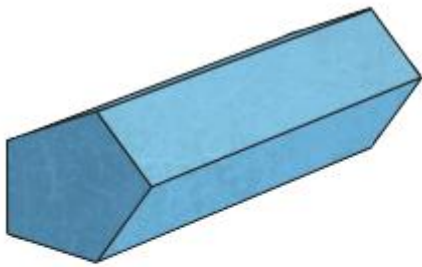
- ☐ Measure things with a tape measure
- ☐ Build a model city with items in your house
- ☐ Make a bird feeder using a pinecone, suet, & birdseed
- ☐ Count how many & what type of birds come to your birdfeeder
- ☐ Make a mini-golf course
- ☐ Read a book & make a "book trailer"
- ☐ Paint rocks with encouraging words
- ☐ Weave a bracelet
- ☐ Learn about a STEM career
- ☐ Write a story, act it out with your family, & record it
- ☐ Make a sundial
- ☐ Invent a board game using bottle caps or other small items as pieces
- ☐ Draw something with isometric dot paper
- ☐ Make a slow-motion video of something in nature
- ☐ Learn to fold cloth napkins
- ☐ Make bread using yeast
- ☐ Draw 20 circles & turn each into something (pizza, planets, wheels, etc)
- ☐ Build something using toothpicks or straws
- ☐ Practice coding using [Scratch](http://Scratch) or [code.org](http://code.org)
- ☐ Learn to crochet or knit
- ☐ Make your own tangrams
- ☐ Learn how cellphones work
- ☐ Draw a detailed map of a room in your home
- ☐ Learn to sew
- ☐ Make something from an empty toothpaste tube
- ☐ Look at the clouds
- ☐ Learn about the history of technology in your area
- ☐ Make cardboard automata (movable sculpture)



Chris Woods @dailySTEM  
[dailystem.com/resources](http://dailystem.com/resources)

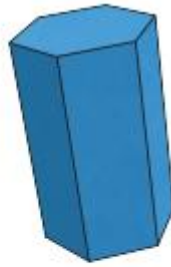






Pentagonal prisms have:

- 7 faces;
- 2 pentagonal faces;
- 5 rectangular faces;
- 15 edges;
- 10 vertices.



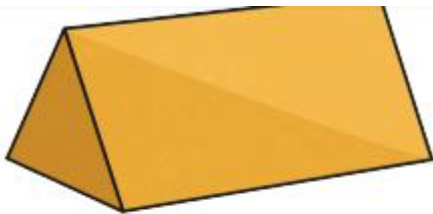
Hexagonal prisms have:

- 8 faces;
- 2 hexagonal faces;
- 6 rectangular faces;
- 18 edges;
- 12 vertices.



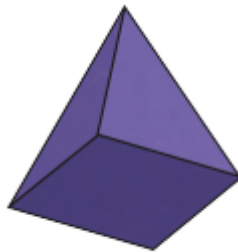
Octagonal prisms have:

- 10 faces;
- 2 octagonal faces;
- 8 rectangular faces;
- 24 edges;
- 16 vertices.



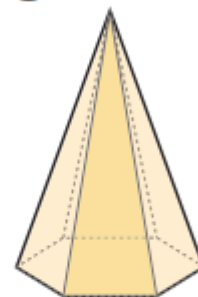
Triangular prisms have:

- 5 faces;
- 2 triangular faces;
- 3 rectangular faces;
- 6 vertices;
- 9 edges.



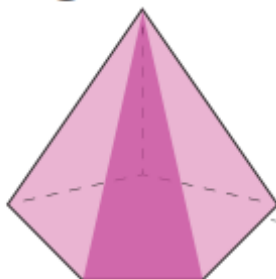
Square-based pyramids have:

- a square base;
- 4 triangular faces that make a sharp point;
- 5 faces;
- 5 vertices;
- 8 edges.



Hexagonal pyramids have:

- 7 faces;
- 1 hexagonal face;
- 6 triangular faces;
- 12 edges;
- 7 vertices.



Pentagonal pyramids have:

- 6 faces;
- 1 pentagonal face;
- 5 triangular faces;
- 10 edges;
- 6 vertices.

## Perimeter

The perimeter is the distance around a shape.

For example, the perimeter of this rectangle is 16cm.

All you have to do is add together the lengths of each side!  
 $5 + 5 + 3 + 3 = 16\text{cm}$

