

Week beginning 8th June

We know that everyone's home life is different. Not everyone will have time to do all this work. If anything is too difficult for your child, skip it. We want to provide you with support and we do not want to add any extra stress.

Every day we recommend that your child complete the following:

	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thurs</i>	<i>Fri</i>
One day of NWMM & Problem Solving					
Watch a short cartoon on cúla4					
Read a book of choice					
Practice tables					
Exercise					
One page of handwriting (twice a week)					
Pick a song to practise on the recorder					

Five other challenges will be posted each week for your child to engage with.

There are 2 Maths Challenges to cater for all abilities included in this week's work. Please choose one Maths Challenge that suits your child. Good luck!

Challenge 1	Capacity Option A or B
Challenge 2	Poetry
Challenge 3	STEM activities
Challenge 4	Circle Art
Challenge 5	PE or SPHE

Challenge 1 - Option A: Capacity

1 Talk Time

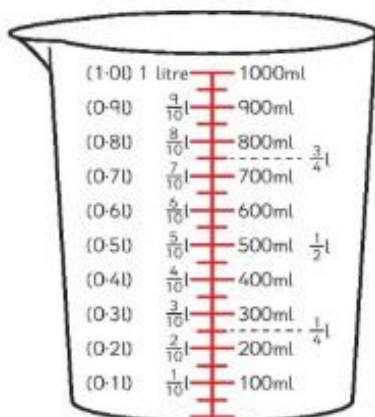
Which instrument would you use to measure the capacity of the following?

- (a) a cup (b) a bucket
 (c) an egg cup (d) a soup ladle
 (e) a basin (f) a jam jar



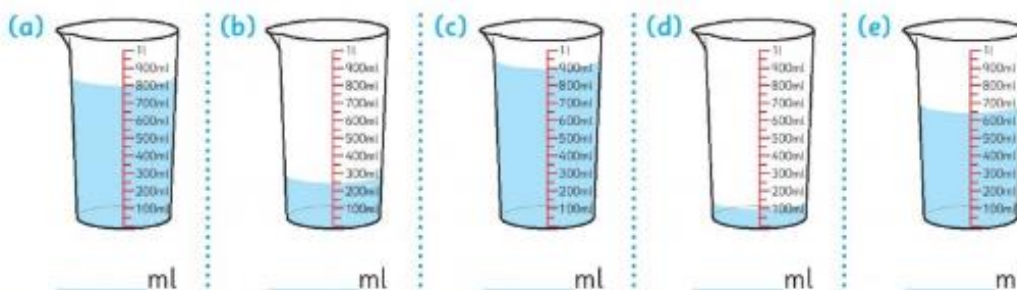
2. Write the following as **millilitres (ml)**.
 This measuring jug will help you.

When measuring amounts less than 1 litre we use millilitres (ml).



- (a) 1 l = _____ ml (b) $\frac{1}{2}$ l = _____ ml
 (c) $\frac{1}{4}$ l = _____ ml (d) $\frac{3}{4}$ l = _____ ml
 (e) $\frac{1}{10}$ l = _____ ml (f) $\frac{3}{10}$ l = _____ ml
 (g) $\frac{6}{10}$ l = _____ ml (h) $\frac{1}{5}$ l = _____ ml
 (i) $\frac{3}{5}$ l = _____ ml (j) $\frac{10}{10}$ l = _____ ml
 (k) 0.1 l = _____ ml (l) 0.9 l = _____ ml
 (m) 0.5 l = _____ ml (n) 0.7 l = _____ ml
 (o) 0.25 l = _____ ml (p) 0.75 l = _____ ml

3. How many ml are in each jug?



4. How many ml must be added to each jug in Question 3 to make 1 litre?

- (a) _____ ml (b) _____ ml (c) _____ ml (d) _____ ml (e) _____ ml

STRAND Measures STRAND UNIT/ELEMENT Capacity

LANGUAGE Capacity, litres, millilitres, containers, litre, jug, fill, estimate, more/less than, fractions, decimals, decimal point, difference, amount, showed equally, small, medium, large

Challenge 1- Option B: Capacity

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Topic 26: Capacity

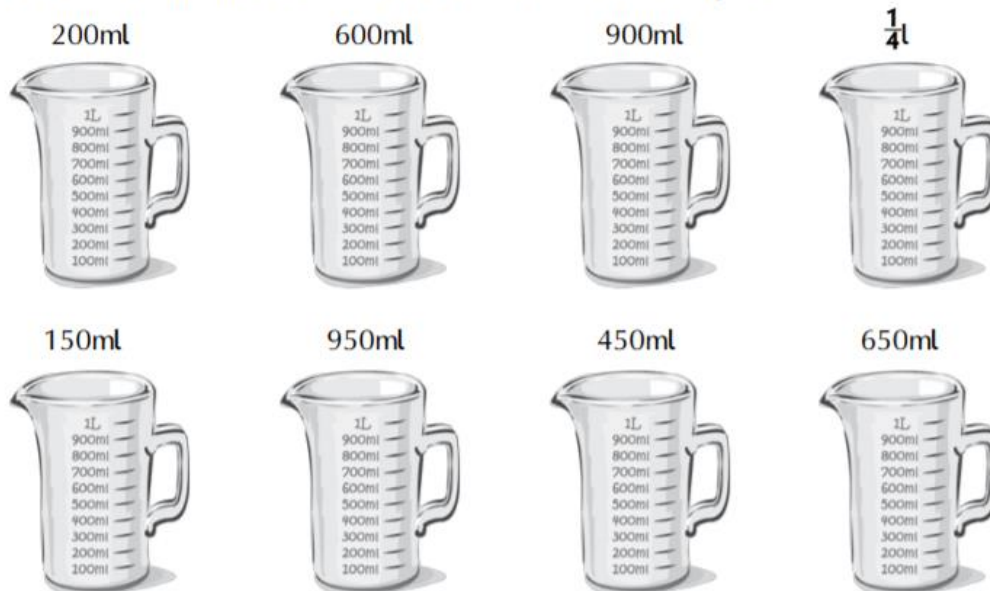
A Collect some containers. Estimate the capacity of each and then measure. Work out the difference between your estimate and the actual capacity.



Item	My estimate	Actual capacity	Difference

B Capacity

1. Colour these containers to show the correct amounts of liquid.



C Match the pictures to the correct box.



Less than 1 litre

About 1 litre

More than 1 litre

Objectives

• 46.3 Estimate, compare, measure and record capacity using appropriate metric units (l, ml) and selecting instruments of measurement.

Strand Measures
Strand Unit Capacity



Challenge 2: Poetry

I Let My Sister Cut My Hair

I had to get a haircut.
It was looking much too long.
I let my sister cut it.
I mean, what could she do wrong?

She clipped some bald spots here and there.
She whacked the sides a little.
And then she shaved a three-inch stripe
directly down the middle.

She chopped some sections super short,
left others long and wild,
then shaved one eyebrow off before
she looked at me and smiled.

I don't think that I'll let her
give me haircuts anymore.
Or maybe I'll just wait a while;
at least until she's four.

— Kenn Nesbitt



Read the poem and complete the following activities.

1. Read the poem aloud for a family member.
2. Who is the author of this poem?
3. Write down two rhyming words in the poem.
4. What does this poem make you think about? Does it relate to any experience you have ever had? Explain.
5. Draw a picture to show what this child might look like after this disastrous haircut!

Challenge 3: Choose one of these STEM activities.



You are hired by an amusement park to create a new and exciting roller coaster!



NASA needs you to build a new rocket to get to the International Space Station!



This is Poolbeg Lighthouse in Dublin. The Coast Guard wants you to build a new lighthouse!



Ready for take-off? You are a pilot with Aer Lingus. Make a paper aeroplane that can fly at least two metres!



You have been hired by IKEA. Design and create a kitchen of the future!



Fingal County Council are building a new playground and they need your help. Design and create your ideal playground.

The Engineering Design Process

1. **ASK**- What is the task/ problem?
2. **IMAGINE**- Brainstorm your ideas/ solutions
3. **PLAN**- Draw it! Make a materials list/
4. **CREATE**- Make it! Try it out.
5. **IMPROVE**- Make it better!

Challenge 3 (continued)

Suggested materials to use for STEM activities:

Household items		Recycled items	Toys/Crafts
<ul style="list-style-type: none"> • Paper plates • Tin foil • Paper clips • Mini marshmallows • Dried pasta • Cocktail sticks 	<ul style="list-style-type: none"> • Pegs • String • Elastic bands • Glue • Straws • Sellotape/masking tape 	<ul style="list-style-type: none"> • Egg cartons • Plastic bottles/lids • Cardboard boxes • Bottlecaps • Paper/card • Empty toilet rolls/kitchen rolls • Newspaper 	<ul style="list-style-type: none"> • LEGO • K'nex • Jenga Blocks • Play Dough • Dominoes • Playing cards • Ribbon • Pipe cleaners

Use this template to help you plan and reflect on your design.

STEM CHALLENGE DATA & RESULTS

TODAY MY CHALLENGE IS:

WHAT PROBLEM DO I NEED TO SOLVE?

WHAT SUPPLIES WILL I USE?

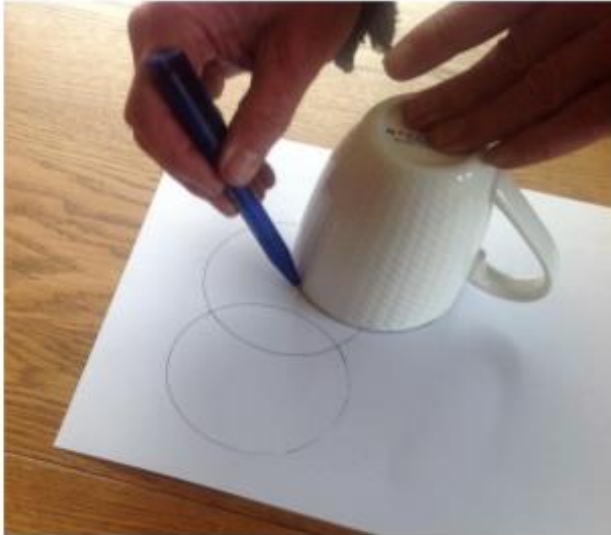
WHAT IS MY PLAN?

WHAT WORKED FOR ME?

WHAT DID NOT WORK FOR ME ?

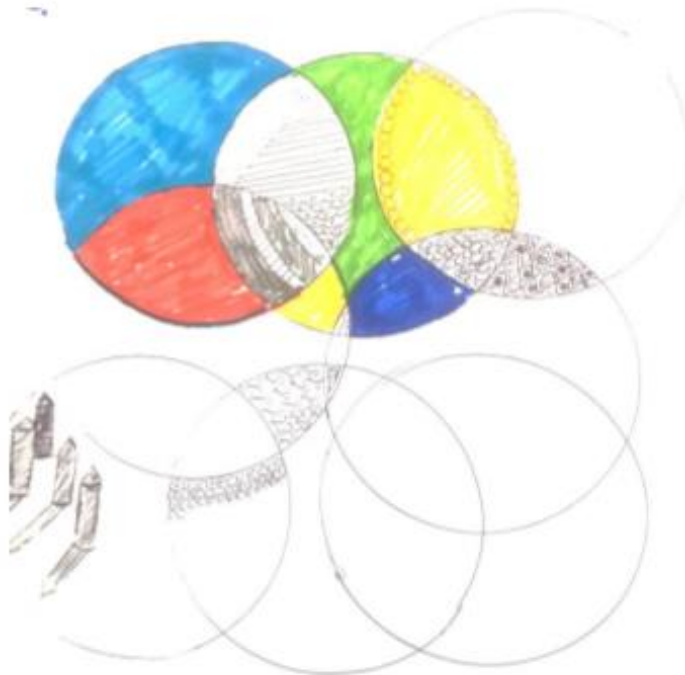
Challenge 4: Mindfulness Circle Art

1. You will need a cup or glass, pencils, biros and markers in different colours and A4 sheet or any art materials available to you. →



2. ← Draw over lapping circles using a cup or glass

3. → Draw shapes, patterns and colour in over lapping circles

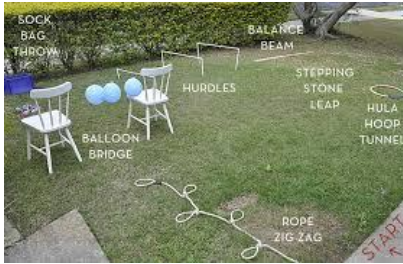


Take a picture of your work and upload it to Class Dojo.

Challenge 5: Option A

Let's Get Active!

It is important that we get at least 60 minutes of physical activity every day. Choose **some** of the activities below or create your own active challenge. Feel free to upload some pictures/videos to Class Dojo!



Create an obstacle course for yourself and/or family member to complete.	Hold an egg and spoon race! (or potato and spoon race!)	If you have a skipping rope- try some skipping games	20 jumping jacks
Create a dance routine to your favourite song	Go for a walk with a family member	If you have a football or hurley at home- set up a mini training session	Target throw- Throw a ball/soft toy to reach a target (a box, basket, any container that you have at home!)
10@10 RTÉ Player	Joe Wicks 'The Body Coach' PE Workout	Run/walk on the spot for 2 minutes	Play your favourite game with a family member
Penalty shootout	Hopscotch	If you have a bike- go for a cycle or ride your scooter	Choose a Go Noodle video - www.gonoodle.com

Challenge 5: Option B

You can use this template or design your own!

I Am an Amazing Person!

Read and finish the sentences in the balloons below.

