

Week beginning Monday 15th June 2020

Hello all! As always, it is important to note that this work is a guide. It should not be stressful or cause added strain at an already difficult time. I hope you are all managing well with the remote learning. Please do not hesitate to contact us if you have a question or need extra support.

We have added something new to the list of useful websites this week that we think you will enjoy!

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 <u>Week 36</u> & Problem Solving					
Watch a short cartoon on Cúla4					
Read a book of choice					
Practice tables					
Exercise					
One page of handwriting (twice a week)					

Six other challenges are posted for this week for your child to engage with.

Challenge 1	Chance
Challenge 2	Water Birds
Challenge 3	Bird Art
Challenge 4	Get Active!
Challenge 5	My Favourite School Tour
Challenge 6	My 'Mood Boost' List

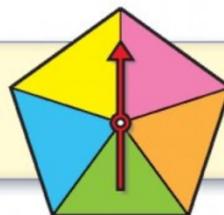
Challenge 1: Chance

Chance – Fractions and percentages

Example:

What is the chance of the spinner stopping on **pink**?

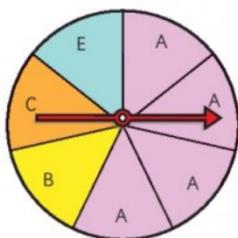
The chance of the spinner stopping on **pink** is 1:5 or $\frac{1}{5}$.



1. Write the answers to these as ratios and as fractions.

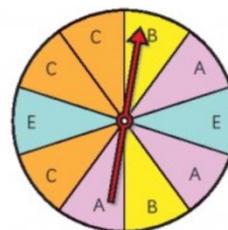
- (a) What is the likelihood of the spinner stopping on yellow or blue? ___ : ___ or ___
- (b) What is the probability of the spinner not stopping on green? ___ : ___ or ___
- (c) What is the likelihood of the spinner not stopping on either orange or blue? ___ : ___ or ___
- (d) What is the chance of the spinner stopping on blue? ___ : ___ or ___
- (e) Is there an even chance of stopping on either yellow or green? (yes/no) ___
- (f) What is the likelihood of the spinner not stopping on green or yellow? ___ : ___ or ___
- (g) Is it equally likely that the spinner might stop on either pink or blue? (yes/no) ___

2.



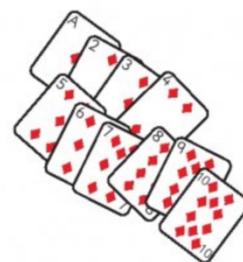
- (a) What is the chance of the spinner stopping on C? ___ : ___ or ___
- (b) What is the likelihood of the spinner stopping on E? ___ : ___ or ___
- (c) What is the probability of the spinner stopping on C or E? ___ : ___ or ___
- (d) What is the chance of the spinner not stopping on A? ___ : ___ or ___
- (e) What is the probability of not stopping on B or C? ___ : ___ or ___
- (f) Is there an even chance that it might stop on either C or A? (yes/no) ___
- (g) What is the chance that it will not stop on B? ___ : ___ or ___

- 3.**
- (a) What is the probability of the spinner stopping on C? ___ : ___ or ___
 - (b) What is the chance of the spinner not stopping on C or E? ___ : ___ or ___
 - (c) What is the likelihood of the spinner stopping on C or E? ___ : ___ or ___
 - (d) What is the chance of the spinner not stopping on C? ___ : ___ or ___
 - (e) Is there an even chance of stopping on either B or E? (yes/no) ___
 - (f) What is the probability of the spinner not stopping on A or B? ___ : ___ or ___



4. If all 10 cards are shuffled and then placed face-down on a table...

- (a) ...what is the chance of picking the 2 of diamonds? ___ : ___ or ___ %
- (b) ...what is the chance of picking an odd number? ___ : ___ or ___ %
- (c) ...what is the chance of picking an even number? ___ : ___ or ___ %
- (d) ...what is the chance of picking a multiple of five? ___ : ___ or ___ %
- (e) ...what is the chance of picking a multiple of two? ___ : ___ or ___ %



Maths Fact

The chances of living to be 100 years old are 1 in 10,000.
How many 100-year-olds would be expected to be living in a city of

- (a) 40,000 people and (b) 200,000 people? (a) _____ (b) _____

Chance – Rolling dice

It is possible to work out the probability of any outcome when all the outcomes of the event are equally likely.

There are six possible outcomes when you roll a regular die: 1, 2, 3, 4, 5 or 6.

There is only one 5, therefore the chance of rolling a 5 is 1:6 or $\frac{1}{6}$.

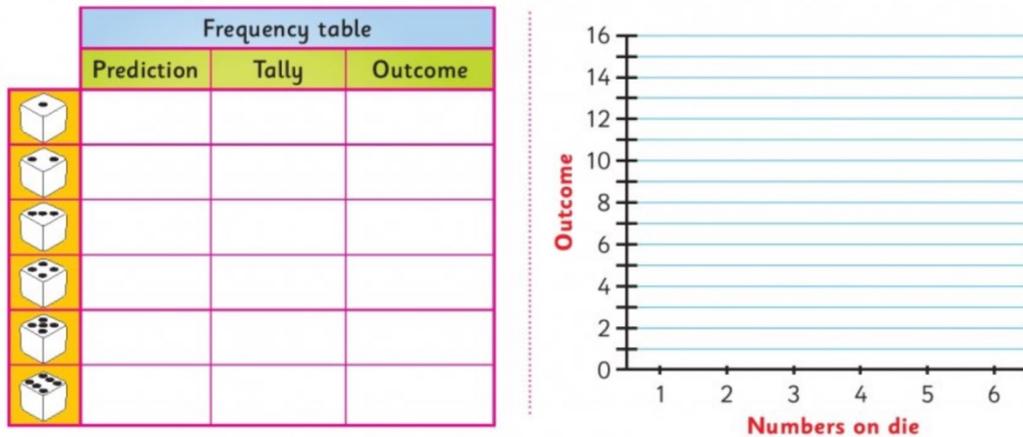
There are three even numbers so the chance of rolling an even number is 3:6 or $\frac{3}{6}$ or 50%.



1. What is the probability of rolling:

- (a) an odd number? _____ (b) a number less than 4? _____ (c) the number 8? _____
 (d) a multiple of 2? _____ (e) a square number? _____ (f) a triangular number? _____

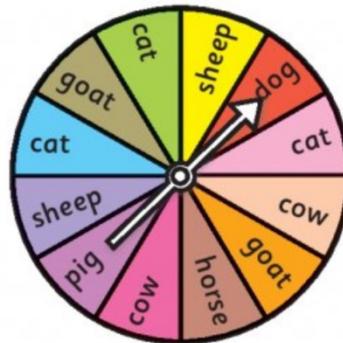
2. Roll a 6-sided die 36 times. Use tally marks to record the outcomes. Show your results on a vertical bar-line graph. First predict what you think the outcome will be.



Did your predictions come close to the tally? _____

3. In this experiment, you have only one spin of the **Animal Spinner**. What is the chance of stopping on the following?

- (a) a dog: in or $\frac{1}{12}$
 (b) a cat: in or _____
 (c) a cow: in or _____
 (d) a sheep: in or _____
 (e) a goat: in or _____
 (f) a horse: in or _____
 (g) a goat or a sheep: in or _____ (h) a horse or a dog: in or _____
 (i) a pig or a cat: in or _____ (j) a sheep or a cat: in or _____



Animal Spinner

Maths Fact

If you are an American, the chances are 1 in 150 that you are in jail! How many Americans are likely to be in jail from a town with 7,500 inhabitants?

Challenge 2: Water Birds

There are many common water birds that we often see on rivers and lakes and in parks.

List as many of these birds as you can think of.

There are three main types of swan in Ireland. Read the passage about swans on the next page and complete the activities below.

1. Draw a labelled diagram of each of the three swans.
2. A word with the suffix 'ology' usually means the study of a particular subject. For example, ornithology is a branch of zoology that is the study of birds.

Match these other 'ologies' with their area of study.

biology

anthropology

ecology

geology

cardiology

meteorology

seismology

dermatology

sociology

pathology

etymology

astrology

the Earth

the heart

earthquakes

life

society

disease

influence of stars on people

environment

word origins

skin

weather

human cultures

A Mute swan

- The **mute swan** is the only swan that lives in Ireland the whole year round.
- It swims with its wing feathers slightly raised. Its head is distinctive, as its bill (beak) is always turned downwards towards the water. Its bill is orange and there is a black knob at the base. The mute swan has black legs and feet.
- It doesn't have a call but it can hiss and snort if approached. It will also spread its wings to warn an intruder away. It does this when it's angry.
- The mute swan builds its nest in April among reeds or on a small island in the water. The male (**cob**) gathers grass, rushes and reeds. The female (**pen**) arranges the materials to make the nest. The young swans (**cygnets**) are grey and do not turn white until they are about three years old. Young cygnets often ride on their parents' backs as they swim. This keeps them safe and warm.
- The swan's long neck allows it to reach water plants growing at the bottom of the lake or pond.
- Mute swans use their webbed feet to help them to paddle in the water. As well as water plants, they will eat water beetles, tadpoles and other insects that they find.



B Whooper swan

- The **whooper swan** is about the same size as the mute swan but, when it swims, it holds its bill straight out and keeps its feathers down. Its bill is yellow and black and there isn't a knob at the base. It has black legs and feet.
- The whooper swan's call is a whooping sound.
- The whooper swan spends the winter in Ireland. It comes here from Iceland because its breeding grounds there are covered with snow and ice during the winter months.



C The Bewick's swan

- The **Bewick's swan** is the smallest of our swans. It looks like the whooper swan but it does not have much yellow on its bill. It has black legs and feet.
- It comes to Ireland from Russia for the winter months.



Challenge 3: Bird Art



Use the pictures above as inspiration to create your own bird art using whatever materials you like. Post your picture to your portfolio!

Challenge 4: Get Active!

The 60 Second Challenge

Don't forget to take a break between each exercise!

		How many can you do in 60 seconds?
1. 	jumping jacks	
2. 	burpees	
3. 	hopping	
4. 	push-ups	
5. 	jogging on the spot	
6. 	skipping	

The Sock Challenge

<https://www.youtube.com/watch?v=zJY7kDJJrp0>

Challenge 5: My Favourite School Tour

This is the time of year when we would usually be heading off on our school tour. Unfortunately, that won't be possible this year.

Write a short recount of your favourite school you've been on so far.

We have included some helpful hints below. Don't forget to tell us where you went, when you went, who you were with and what you did!

Recount Writing Helpful Hints



Write in the past tense.

Explain what happened.

Who?

What?

Where?

When?



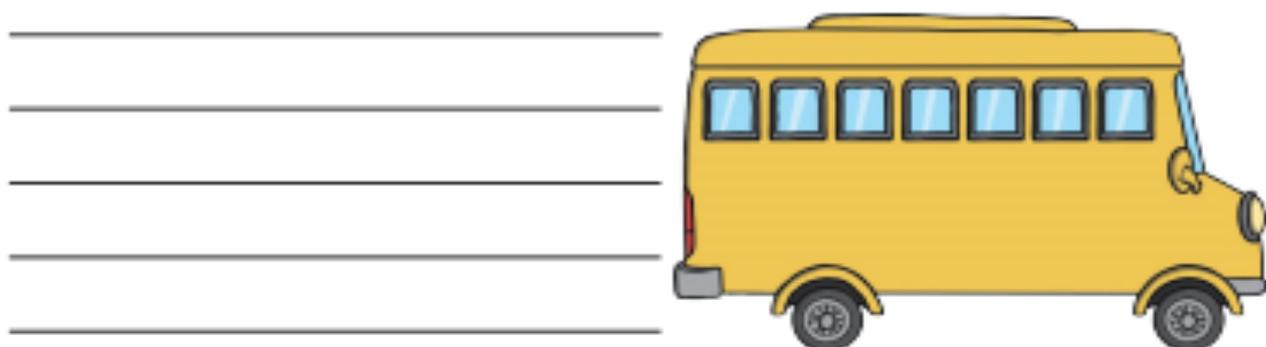
Tell the events in order.

Use time words (in the morning, later, after that).

Use powerful verbs and exciting adjectives to add interest for the reader.



Title: _____

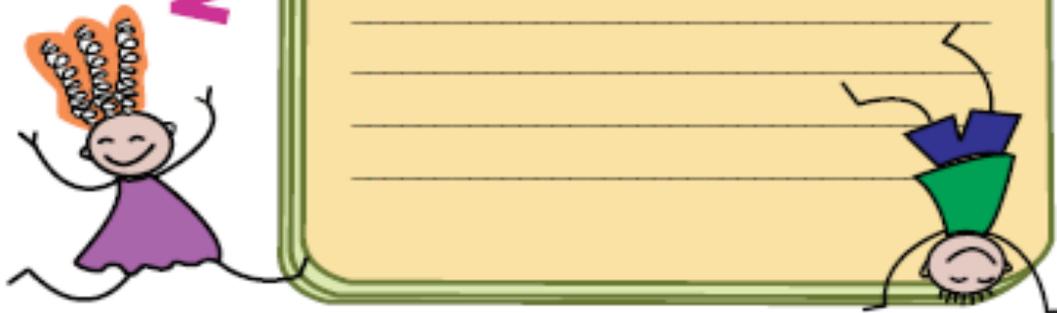


Challenge 6: My 'Mood Boost' List

MOOD BOOST!

We all need a little mood boost from time to time! Of course it's OK to feel sad, lonely, worried and scared at times, but if you decide that you need a break from those feelings for a while, then do a mood boost! A mood boost is anything that you like to do that puts you into a better mood. Maybe it's listening to your favourite music, dancing, reading, watching funny videos on YouTube, baking, drawing, being creative, exercising, helping, writing, meditating... whatever boosts your mood? Write your Mood Boost list here and use it whenever you need to!

MY 'MOOD BOOST' LIST



Useful Websites

<https://www.cula4.com/en/watch/>

Pick a cartoon to watch every day!

<https://www.duolingo.com/learn>

Revise your Gaeilge vocabulary with these fun quizzes

<https://stories.audible.com/start-listen>

Stream and listen to a range of children's stories on your laptop, phone or tablet

https://www.mathplayground.com/grade_5_games.html

Practice a range of Maths skills by choosing from the games in the 5th Grade section

<https://www.youtube.com/playlist?list=PLyCLOpd4VxBvQafyve889qVcPxYEjdST>
|

PE with Joe. 30 minute workouts for children

<https://www.youtube.com/user/ArtforKidsHub>

Step by step art tutorials for children of all ages where they can learn to draw their favourite movie characters and much more!