



# Home Study 5

## 4<sup>th</sup> class



Hello buachaillí agus caillíní,

We hope that you are all keeping well. We love seeing your work on SeeSaw. Many of you have collected your schoolbooks and will now be able to use them at home.

We really enjoyed the Zoom calls with some of you and we hope to have another one before the end of the school year. Keep an eye on your emails!

We have created a daily plan. Extra activities will be uploaded to SeeSaw but if you would like more work, don't hesitate to message us.

We are missing you lots,

Tabhair Aire (Take Care),

Ms. Brady, Ms. O Callaghan, Ms. Mooney, Ms. Coy,  
Liz and Jennie



## Please continue with these daily activities

1. Spellings (Section 4) – Learning them and putting them into sentences. If you get finished Section 4, don't move on to Section 5 as it's for 5th Class. Use this spelling list and do 5 a day (ignore the dates)  
<http://rathregan.scoilnet.ie/blog/files/2012/02/4th-Class-Spellings-List.pdf>.
2. Mental Maths each day
3. Practise and revise your tables – multiplication and division
4. Handwriting – continue practicing your cursive handwriting
5. Either Read at Home – read and discuss questions with someone at home or read your library book and summarise what you have read each day. If you have finished your book, choose one of your books from home.
6. Rainbow diaries

## Monday 25<sup>th</sup> May 2020

### Literacy

- Write a recount of your weekend.

### Maths

- Familiarise yourself with words associated with the topic of 'Chance'  
<https://www.twinkl.ie/resource/au-n-324-chance-word-cards>
- Complete page 129 in your Busy at Maths. If you don't have it home with you, the pages are screenshotted at the bottom of this document.

### Gaeilge

- Practise the following questions:
  - ⇒ Cad is ainm duit? (what is your name?)
    - o \_\_\_\_\_ is ainm dom.
  - ⇒ Conas atá tú? (how are you?)
    - o Tá mé go maith.
  - ⇒ Cén aois thú? (what age are you?)
    - o Tá mé deich mbliana d'aois/tá mé aon bhliain déag daois.
  - ⇒ Cá bhfuil tú i do chonaí? (where do you live?)
    - o Tá mé i mo chonaí i mBaile Átha Cliath.
  - ⇒ Cén rang ina bhfuil tú? (what class are you in?)
    - o Tá mé i rang a ceathair.

### SESE

- Research the Olympics. Make a fact file or a project about them.  
<https://kids.nationalgeographic.com/explore/history/first-olympics/>

## Tuesday 26<sup>th</sup> May 2020

### Literacy

- Sign up to BorrowBox using your library card. Get started on borrowing books from the library online (If you have any trouble doing this, message us on SeeSaw).
- Listen to Chapter 1 of Harry Potter and the Philosopher's Stone on Spotify or sign up to 'wizarding world'  
<https://www.wizardingworld.com/chapters/reading-the-boy-who-lived>

### Maths

- Estimate how many times you would land on heads if you flipped a coin 20 times. Flip it 20 times and see if your estimation was correct.
- Create your own chance word problem.

### SESE

- Draw pictures for your Olympic fact file/project. Look up a famous Irish Olympian and read a little bit about them online e.g. Sonia O'Sullivan, Gary O'Donovan, Katie Taylor

## Wednesday 27<sup>th</sup> May 2020

### Literacy

- Choose one of the following summer images and use 5-10 sentences to describe it.  
<https://i.pinimg.com/originals/06/0c/d3/060cd3e9288e126f5b12c9ef25dc4a73.jpg>

### Maths

- Complete page 130 in your Busy at Maths. If you don't have it home with you, the pages are screenshotted at the bottom of this document.

### Gaeilge

- Tarraing pictiúr ar an trá. Cuir lipéid ar na rudaí is tabhachtaí. (Draw a picture at the beach. Label the most important things)
- gaineamh (sand), uisce (water), grian (sun), uachtar reoite (ice cream), buicéad (bucket), spád (spade), ag snámh (swimming), culaith snámha (swimsuit), spéaclaí gréine (sunglasses), caisleán gainimh (sandcastle), tonnta (waves), uachtar gréine (suncream)

### PE

- PE with the Body Coach – check out today's PE video on YouTube.  
Here is a link to the video for Friday 22<sup>nd</sup> May.  
<https://www.youtube.com/watch?v=ADg5Nunkmow&list=PLyCLOpd4VxBuNlaYvN8z9uWJMEJr7MJFd&index=6&t=0s>

## Thursday 28<sup>th</sup> May 2020

### Literacy

- Write a story with the title "A Summer Day".

### Maths

- Log in to Mathletics/EasiMaths and spend 30 minutes completing some of the activities. Message us on SeeSaw if you are having trouble logging in.

### Music

Sound Hunt - find the following sounds in or near your home:

- A bird singing
- A dog barking

- Something that squeaks
- Something that rattles
- A loud noise
- A quiet noise
- A household appliance noise e.g. the pop of a toaster
- A doorbell/buzzer
- A car

## Friday 29<sup>th</sup> May 2020

### Literacy

- Create your own word search using summer vocabulary. Take a picture of it and upload it to SeeSaw.

### Maths

- Complete page 131 in your Busy at Maths. If you don't have it home with you, the pages are screenshotted at the bottom of this document.

### Art

- Design a bright and cheerful poster for your window, so when people are passing by it is bright and puts a smile on their face e.g. a rainbow.

## Monday 1<sup>st</sup> June 2020

Bank Holiday!

## Tuesday 2<sup>nd</sup> June 2020

### Literacy and SESE

- Read about 'The Sun' page 100 and 101 Small World (Worksheets below).
- Look up the meaning of the words in the vocabulary box and put them into sentences.

### Maths

- Complete page 132 in your Busy at Maths. If you don't have it home with you, the pages are screenshotted at the bottom of this document.

### Drama

- Tongue Twisters!

*I scream, you scream, we all scream, for ice cream!*

*Peter Piper picked a peck of pickled peppers*

*A peck of pickled peppers Peter Piper picked  
If Peter Piper picked a peck of pickled peppers  
Where's the peck of pickled peppers that Peter Piper picked?*

*Betty Botter bought a bit of butter.  
"But," she said, "this bit of butter's bitter,  
But a bit of better butter mixed with this butter might just make my bit of bitter butter  
better."  
So, Betty bought a bit of better butter to make her bitter butter better.*

## Wednesday 3<sup>rd</sup> June 2020

### Literacy

- Fill in the blanks – Exercise A, page 101 Small World (worksheet below).
- Exercise B – write about the differences that come with each season in Ireland.

### Maths

- Write down 5 events that are 1. Impossible, 2. Unlikely, 3. Possible, 4. Likely, 5. Certain.

### Gaeilge

- Complete the An Aimsir activity on SeeSaw (assigned 13th May).

### PE

- PE with the Body Coach – check out today's PE video on YouTube.  
Here is a link to the video for Friday 22<sup>nd</sup> May.  
<https://www.youtube.com/watch?v=ADg5Nunkmow&list=PLyCLOPd4VxBuNIaYvN8z9uWJMEJr7MJFd&index=6&t=0s>

## Thursday 4<sup>th</sup> June 2020

### Literacy

- Choose an object at home, write a poem about it giving clues to what it is without actually saying what it is. For example if you chose a couch, you could say 'I am as squishy as a cloud, as bouncy as a spring, as fluffy as a sheep...' and so on.

### Maths

- Estimate how many grammes of cereal your family eats in one week. Add up the total and compare your estimation.

### SPHE

- Write a list of the positive aspects of the current situation e.g. spending time with family, taking time for yourself, getting to read lots of books, etc.

## Friday 5<sup>th</sup> June 2020

### Literacy

- Record yourself explaining why you do something at home, for example, why do you brush your teeth? Why do you have to drink lots of water?

### Maths

- Practise skip counting in 7s/8s/9s/12s.

### Gaeilge

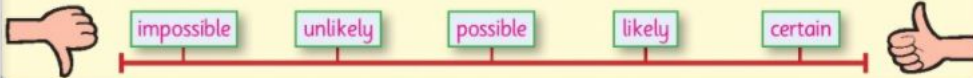
- Play an online game based on consan (consonants) agus gutaí (vowels) <https://seideansi.ie/consain-agus-gutai.php>

### Art

- Draw and colour a memory from Summer in the past e.g. the day we went to the beach.

## Chapter 26: Chance

In maths we talk about **chance** as the possibility of something happening. We describe this with words like...



Write one of the words above for each of the following pictures.

1.



Ann will choose the red shoe.

\_\_\_\_\_

2.



Niamh will choose a brown shoe.

\_\_\_\_\_

3.



The arrow will stop on a yellow space.

\_\_\_\_\_

4.



The arrow will stop on a blue space.

\_\_\_\_\_

5.



The missing number will end in 0.

\_\_\_\_\_

6.

Kevin will get a hole-in-one with this golf shot.



\_\_\_\_\_

7.



It will be warm and sunny in July.

\_\_\_\_\_

8.



This horse will play football for Ireland.

\_\_\_\_\_

Some other words we might use for chance are words such as:

never

even chance (50/50)

always

definite

9. What is the chance of Sunday following Saturday? \_\_\_\_\_

10. What is the chance of Monday coming after Tuesday? \_\_\_\_\_



## Chance

**Probability** is another word we use to describe the likelihood or possibility of something happening.

“Give peace a chance”  
says John Lennon

Tick ☒ the word that best describes the probable outcome.

1.



Teacher will pick a **red** marker.

impossible ☐ possible ☐ certain ☐

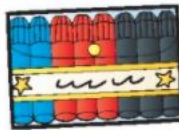
2.



Teacher will pick a **blue** marker.

impossible ☐ possible ☐ certain ☐

3.



Teacher will pick a **green** marker.

impossible ☐ possible ☐ certain ☐

4.



Teacher will pick a **red** marker.

impossible ☐ possible ☐ certain ☐

Colour the marbles in each of these jars to make the outcomes **true**.  
Imagine that your eyes are closed when you pick a marble from each jar.

5. I am more likely to pick a **green** marble and less likely to pick a **blue** marble.



6. I am more likely to pick a **red** marble and less likely to pick a **yellow** marble.



7. I am more likely to pick a **blue** marble and less likely to pick a **red** marble.



8. I am more likely to pick a **yellow** marble and less likely to pick a **green** marble.



**Maths Fact** 54 wooden blocks are used in an original game of Jenga.

**Challenge** If you removed 2 of the blocks from the bottom of a Jenga tower, what word would best describe the chances of it staying upright?

\_\_\_\_\_

# Chance

We have seen that some choices for **chance** may be divided into:

never

possible

always



However, some **possible** choices may be **likely** while others are **unlikely**. For instance, what are the chances of choosing a banana from this basket of fruit when blindfolded?



possible	<input checked="" type="checkbox"/>	likely	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	unlikely	<input checked="" type="checkbox"/>

Tick ☒ the box that best describes the probable outcome when choosing while blindfolded.

1. What are the chances of picking a **red** plum from this basket?



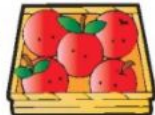
always ☐ possible (likely) ☐  
possible (unlikely) ☐ never ☐

2. What are the chances of picking a **green** apple from this basket?



always ☐ possible (likely) ☐  
possible (unlikely) ☐ never ☐

3. What are the chances of picking a **green** apple from this basket?



always ☐ possible (likely) ☐  
possible (unlikely) ☐ never ☐

4. What are the chances of picking a **yellow** plum from this basket?



always ☐ possible (likely) ☐  
possible (unlikely) ☐ never ☐

5. What are the chances of picking a **red** apple from this basket?



always ☐ possible (likely) ☐  
possible (unlikely) ☐ never ☐

6. What are the chances of picking a banana from this basket?



always ☐ possible (likely) ☐  
possible (unlikely) ☐ never ☐

Use one of the four options above to answer these.

7. The sky will be cloudy tomorrow. \_\_\_\_\_  
8. It will rain every day during July and August. \_\_\_\_\_  
9. St. Patrick's Day is celebrated in December. \_\_\_\_\_  
10. Christmas Day is celebrated in December. \_\_\_\_\_



## Chance

The greengrocer has put 6 peppers into a brown paper bag:  
2 are **yellow**, 3 are **green** and 1 is **red**. If I pick one out of the bag,  
it is more likely to be **green** as 3 of the 6 peppers are **green**.



The chance of picking a **green** is:

3 chances out of 6  $\rightarrow \frac{3}{6}$  or 1 chance out of 2  $\rightarrow \frac{1}{2}$



The chance of picking a **yellow** is:

2 chances out of 6  $\rightarrow \frac{2}{6}$   
or 1 chance out of 3  $\rightarrow \frac{1}{3}$

The chance of picking a **red** is:

1 chance in 6  $\rightarrow \frac{1}{6}$

Try this yourself with 6 counters or cubes in a bag (while blindfolded).

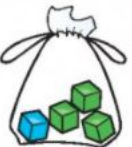
1. What are the chances of  
picking a **green** cube?  
\_\_\_ out of \_\_\_.



2. What is the probability of  
picking a **yellow** cube?  
\_\_\_ out of \_\_\_.



3. What are the chances of  
picking a **blue** cube?  
\_\_\_ out of \_\_\_.



4. What are the chances of  
picking a **yellow** cube?  
\_\_\_ out of \_\_\_.



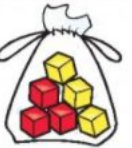
5. What are the chances of  
picking a **blue** cube?  
\_\_\_ out of \_\_\_.



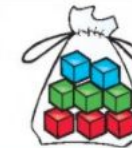
6. What are the chances of  
picking a **red** cube?  
\_\_\_ out of \_\_\_.



7. What are the chances of  
picking a **green** cube?  
\_\_\_ out of \_\_\_.



8. What are the chances of  
picking a **blue** cube?  
\_\_\_ out of \_\_\_.



“Give bees a chance”  
says the environmentalist

“Give peas a chance”  
says the nutritionist

“Give trees a chance”  
says the naturalist





## Unit 17: The Sun

### New Words

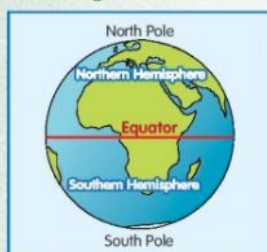
equator	Northern Hemisphere	Southern Hemisphere	ultraviolet	melanin	pigment	ozone layer
	CFCs	chlorophyll	photosynthesis			

### Day and Night

The photograph on the right shows the sun at different times during the day. It shows the path that the sun takes when it rises in the east and sets in the west. However, the sun does not really move across the sky. It is the Earth that does a complete spin every day. This makes the sun seem to move across the sky. It takes the Earth 24 hours to do a complete spin. This is what gives us day and night. When it is day in Ireland, it is night on the other side of the world.



### The Equator



The equator is an invisible circle around the middle of the Earth. The distance between the North Pole and the equator is the same as the distance between the South Pole and the equator. Everything north of the equator is called the Northern Hemisphere. Everything south of the equator is called the Southern

Hemisphere. Which hemisphere do you live in?

### Hot Geography

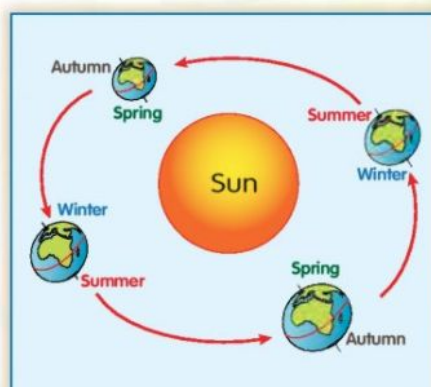
The Earth's spinning is slowing down by a fraction of a second every 100 years. 400 million years ago, a day was only 22 hours long!

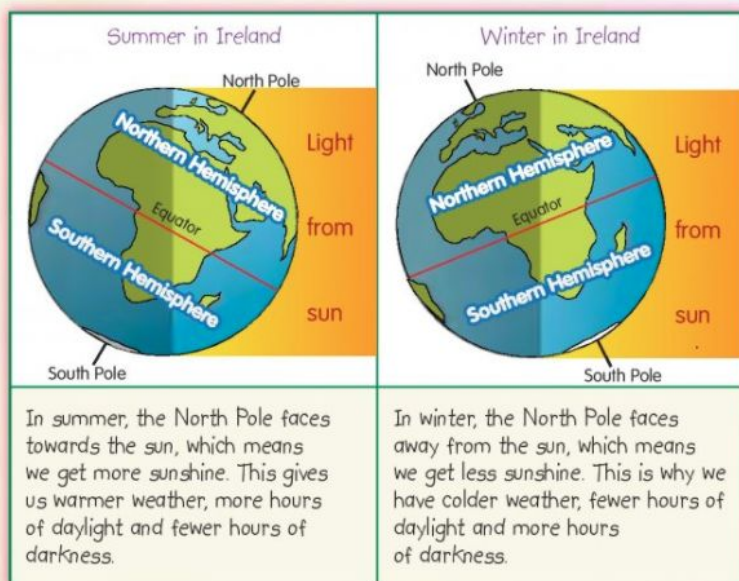


WHY DO WE HAVE LONGER DAYS IN SUMMER AND SHORTER DAYS IN WINTER?

### Seasons

It takes the Earth one year to orbit the sun. Do you notice in the picture on the right the way the Earth is leaning to one side? This means that for half of the year, the North Pole is tilted towards the sun and for the other half of the year, it is tilted away from the sun. This is what makes the seasons. When the North Pole faces towards the sun, it is summer in Ireland. When the North Pole is facing away from the sun, it is winter in Ireland.





## Hot Geography

In Ireland, the shortest day of the year (the day with the least hours of daylight) is December 21st. This day is also known as the winter solstice. The longest day of the year (the day with the most hours of daylight) is June 21st.

## Activities

### A. Fill in the Blanks.

The sun rises in the \_\_\_\_\_ and sets in the \_\_\_\_\_. It takes the Earth \_\_\_\_\_ hours to do a complete spin. This is what makes \_\_\_\_\_ and \_\_\_\_\_. It takes the Earth  $365\frac{1}{4}$  days, or a \_\_\_\_\_, to orbit the sun. The invisible line halfway between the North Pole and the \_\_\_\_\_ Pole is called the \_\_\_\_\_. Everything north of this line is in the Northern \_\_\_\_\_ and everything \_\_\_\_\_ of this line is in the \_\_\_\_\_ Hemisphere. Ireland is in the \_\_\_\_\_ Hemisphere. When the North Pole faces towards the \_\_\_\_\_, it is summer in Ireland. In winter, the North Pole faces away from the sun giving us \_\_\_\_\_ days and \_\_\_\_\_ nights. The shortest day of the year is December \_\_\_\_\_.

### B. Think About It.

List two ways in which Ireland changes during each of the four seasons. (For example, in autumn, deciduous trees lose their leaves.)

### C. Digging Deeper.

Using the map on pages 74-75, make a list of 10 countries in the Northern Hemisphere, 10 countries in the Southern Hemisphere and 10 countries on the equator.

**Subject:** Geography **Strand:** Natural Environments  
**Strand Unit:** Planet Earth in Space

**Subject:** Science **Strand:** Energy and Forces  
**Strand Unit:** Heat