# 3rd Class Work January 25th-29th

Hi Everyone,

We have prepared a suggested timetable and some work for the pupils to complete for this coming week. Most subjects will be laid out with '*Monday- Friday*' clearly labelled. Feel free to do things in any order that suits you.There will also be spellings for every day that need to be learned for a mini test on Friday. We hope that everyone is keeping well during this difficult time.

*NEW THIS WEEK* Starting this week there will be a quiz every Friday to see how much you remember from the week's work. Take a picture of your answers to send to your teacher and you will be placed in a draw to win a prize!!

The following are the email addresses of the teachers in 3rd class should you have any questions:

jsomerville@staidanssns.ie                ghamilton@staidanssns.ie

friordan@staidanssns.ie                    fmacsuibhne@staidanssns.ie

mgeraghty@staidanssns.ie                 mmoloney@staidanssns.ie

## Spellings

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|
| **'o-e'** bone home nose spoke about | **'o-e'** stone rope smoke hope after | **'u-e'** use rule huge true away | **'u-e'** glue blue rude June because | **Test** |

| SUBJECT | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| PE | PE with Joe Wicks | Dance Session | PE with Joe Wicks | Dance Session | PE with Joe Wicks |
| Maths | Repeated Addition  Groups of 2 | Groups of 2  Multiplying by 2 | Counting in 4s  Groups of 4 | Multiplying by 4 | Multiplying by 2  Multiplying by 4 |
|  | B | r | e | a | k |
| English | Adjectives  Spellings | Persuasive Writing  Spellings | Persuasive Writing  Spellings | Reading & Questions  Spellings | Vocabulary & Spelling Test |
|  | B | r | e | a | k |
| SESE / Arts | Geography Rainforests | Music- Ireland's Call | Science Soils | Science Soils | Art- Drawing |
| Gaeilge (Irish) | Ar Scoil | Ar Scoil | Ar Scoil | Ar Scoil | Ar Scoil |

# Monday

# P.E

https://www.youtube.com/c/TheBodyCoachTV

Please click on the link above for 'The Body Coach' Joe Wicks' youtube channel. Here Joe is doing live PE for children every Monday, Wednesday and Friday at 9am. If you can't make 9am the video will be up on the channel permanently so click it at any time today! Parents can join in too!Get moving and have fun!

# Maths

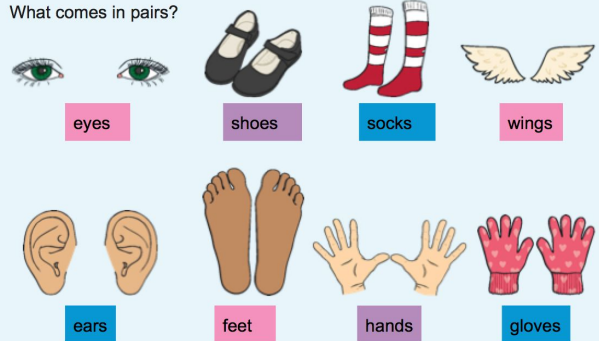Read the following information and watch this video on Multiplication

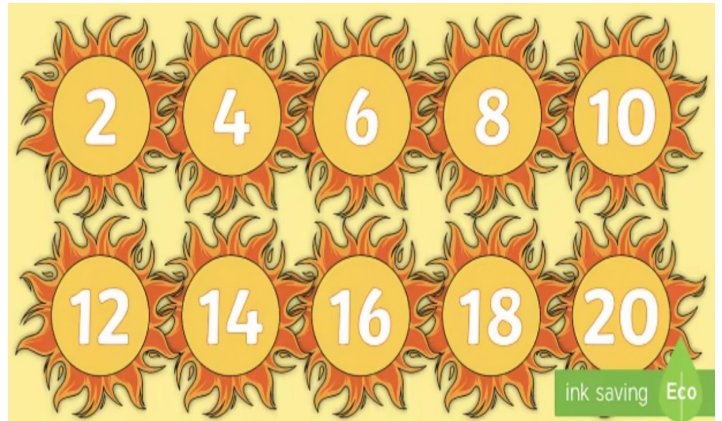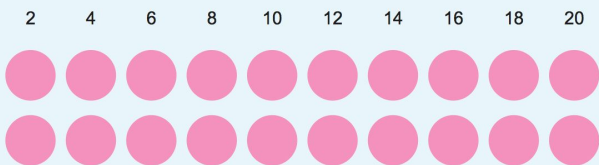https://www.loom.com/share/735ec785ddb74b519f11ccd34d3b8afa

## Introducing Multiplication

## Pairs

What comes in pairs?

eyes | shoes | socks | wings

ears | feet | hands | gloves

## Counting in 2s

2  4  6  8  10  12  14  16  18  20

2  4  6  8  10

12  14  16  18  20

ink saving  Eco

## Repeated Addition

Multiplication is the same as repeated addition.
Here are 6 pairs of gloves:

To find the total number of gloves, we can use repeated addition by adding in 2s:

2 + 2 + 2 + 2 + 2 + 2 =    12

This is the same as '2 multiplied by 6'.

**Multiplication** is the same as **Repeated Addition.**
For example: $2 + 2 + 2 + 2 = 8$    $4 \times 2 = 8$

Answer the following questions:

# Chapter 9: Multiplication 1 – By 2, 4 and 8

Each bicycle has 2 wheels. How many wheels are there altogether?

There are 2 ways to do this sum:

(a) **Addition sentence:** Count and add all the 2s → $2 + 2 + 2 + 2 = 8$

(b) **Multiplication sentence:** Count the number of **times** we find 2 → $\boxed{4 \times 2 = 8}$

1. Complete these **addition** sentences. Write a **multiplication** sentence for each one.

(a) $2 + 2 = \underline{\ 4\ }$  →  $2 \times 2 = \underline{\quad}$

(b) $2 + 2 + 2 = \underline{\quad}$  →  $\underline{\ 3\ } \times \underline{\quad} = \underline{\quad}$

(c) $2 + 2 + 2 + 2 = \underline{\quad}$  →  $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

(d) $2 + 2 + 2 + 2 + 2 = \underline{\quad}$  →  $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

(e) $2 + 2 + 2 + 2 + 2 + 2 = \underline{\quad}$  →  $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

(f) $2 + 2 + 2 + 2 + 2 + 2 + 2 = \underline{\quad}$  →  $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

2. Now do these using **addition** and **multiplication** sentences.

(a) Each carton holds 2 litres of milk. How many litres are there altogether?

$2 + 2 + 2 + 2 + 2 + 2 + 2 = \underline{\quad}$  →  $\underline{\quad} \times 2 = \underline{\quad}$

(b) A player rolled a 2 each time on a die. What was her total score?

$\underline{\ 2\ } + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$  →  $\underline{\quad} \times \underline{\ 2\ } = \underline{\quad}$

## Mental Computation

1. 2 + 2 + 2 = _____
2. 2 + 2 + 2 + 2 = _____
3. 2 + 2 + 2 + 2 + 2 + 2 = _____
4. 2 + 2 + 2 + 2 + 2 = _____
5. 2 + 2 + 2 + 2 + 2 + 2 + 2 = _____
6. 4 + 4 + 4 = _____
7. 4 + 4 + 4 + 4 = _____
8. 4 + 4 + 4 + 4 + 4 + 4 = _____
9. 4 + 4 + 4 + 4 + 4 = _____
10. 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = _____
11. 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = _____
12. 4 + 4 + 4 + 4 + 4 + 4 + 4 = _____

## Activity

1. 

   How many shoes are there altogether? (count in twos) _____

2. 

   How many eggs are there altogether? (count in twos) _____

3. 

   How many beads are there altogether? (count in fours) _____

4. 

   How many legs are there altogether? (count in fours) _____

# Groups of 2

1. **Complete.**

   (a) Write the missing numbers in this number line.

   0  1  ◯  3  ◯  5  ◯  7  ◯  9  ◯  11  ◯  13  ◯  15  ◯  17  ◯  19  ◯

   (b) Colour the circle that has the number 2.

   (c) Count on in 2s and colour all the **multiples of 2** the same colour.

   (d) List the numbers you have coloured:

   _____, _____, _____, _____, _____, _____, _____, _____, _____, _____.

   (e) 4 sets of 2 bring me to _____.

   (f) 3 sets of 2 bring me to _____.

   (g) 5 sets of 2 bring me to _____.

   (h) 7 sets of 2 bring me to _____.

   (i) 8 sets of 2 bring me to _____.

   (j) 10 sets of 2 bring me to _____.

# English- Adjectives

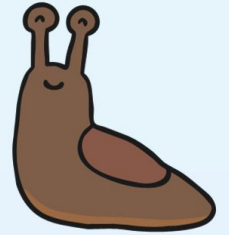Read about adjectives below and complete the activity on the next page.

**Adjectives**
with Adam Adjective

An adjective is a **describing** word.
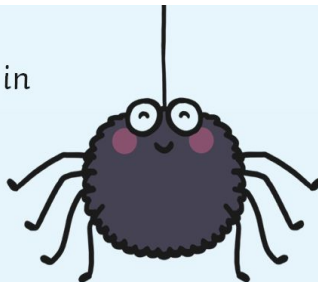
A slug was in my kitchen.

**+ adjectives =**

A **slimy**, **sticky** slug was in my kitchen.

There was a spider in the bathroom.

**+ adjectives =**

There was a **huge**, **hairy** spider in the bathroom.

I found a ladybird on a leaf.

**+ adjectives =**

I found a **tiny** ladybird on a **big** leaf.

A butterfly flew into my house.

**+ adjectives =**

A **blue** and **white** butterfly flew into my house.
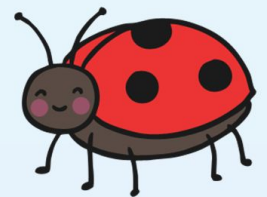
# Adjectives

Adjectives, or describing words, make sentences more interesting. They tell us more about other words, for example, **big** box or **blue** sky.

**A** **Read these adjectives.**

| hot | cold | beautiful | friendly | happy |
| easy | hard | tricky | funny | clever |

**B** **Use the adjectives to finish these sentences.**

1. The snow felt really _____.
2. The sums I did today were _____.
3. My friend Jack is a very _____ guy.
4. Jenny felt _____ after she won the prize.
5. The _____ butterfly landed on the flower.
6. Ken told us a really _____ joke.

**C** **Put these adjectives into sentences of your own.**

| angry | cool | blue | sunny |

1. _____
2. _____
3. _____
4. _____

# SESE: Geography- Rainforests

*Read the passage below and answer the questions.*
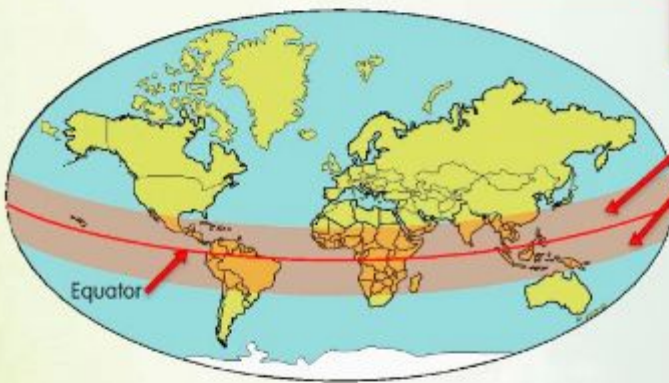
## Unit 12: Rainforests

### New Words

equator    tropical    canopy    extinct    endanger    humid    decomposition    nutrients    tree felling

HELLO, I'M TOCO THE TOUCAN. WELCOME TO MY WORLD. I LIVE IN A COUNTRY CALLED BRAZIL, IN A SPECIAL AREA CALLED THE RAINFOREST. THE RAINFOREST IS AN AMAZING PLACE, WITH LOTS OF DIFFERENT TYPES OF ANIMALS AND PLANTS.

Amazon Rainforest, Brazil

Tropical zones

Equator

### Hot Geography

The equator is an imaginary line around the Earth, half-way between the North and South Poles.

Amazon Rainforest

Brazil

### Where Are Rainforests Found?

Rainforests are found in tropical zones. Tropical zones are found above and below the equator. In those areas, the sun is very strong during the day and it shines almost every day of the year. That means that rainforests have a tropical climate. Although rainforests are very warm, they also have lots of rain. Some of the world's rainforests get up to 3 centimetres of rain each day of the year. Rainforests are found in a number of countries in the continents of North and South America, Africa, Asia and Australia. The largest rainforest in the world is the Amazon Rainforest in South America. Although rainforests cover only a small area of the Earth's surface, they contain more than half of the Earth's plants and animals.

## Rainforest Features

Tropical rainforests have millions of different types of plants and animals. There are so many that scientists believe that they have not all been discovered yet. The tall trees in the rainforest stay


Palm trees

green throughout the year. Palm trees are the most common type of tree in the rainforest. Some rainforest trees and plants are used for medicine. In fact, more than one-quarter of all the medicines in the world come from rainforest trees and plants.

All rainforests are different, but the following features are common to all.

- All rainforests lie in tropical areas.
- All rainforests have a canopy. The canopy is the top layer of leaves on all the trees. In the rainforest, it is like a leafy roof!


Rainforest canopy

- Rainforests get more than 1 metre of rain each year.
- Rainforests have lots of plants and animals that are not found anywhere else in the world. More than 50 million different types of animal are found in them.
- The plants and animals of the rainforest depend on one another, as they are all members of a food chain. If one of the plants or animals were to become extinct, it would endanger the lives of other plants and animals.

## The Rainforest Floor

Insects and small reptiles live on the forest floor. There may also be larger animals like elephants and jaguars. The rainforest floor is shady and humid (the air has lots of moisture). These conditions play a very important part in the life of the rainforest. A process called decomposition takes place on the forest floor. This happens when dead plants and animals rot. As they rot, or decompose, their remains provide nutrients, or food, to the soil.


Rainforest floor

## Activities

1. Where are rainforests found?
2. Are rainforests warm and dry throughout the year?
3. How do some of the plants of the rainforest help us?
4. Name four countries along the equator.
5. List four features that are common to all rainforests.

# Rainforest Animals

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| j | a | g | u | a | r | y | q | a |
| s | p | i | d | e | r | g | z | n |
| t | p | a | r | r | o | t | r | t |
| b | u | t | t | e | r | f | l | y |
| r | e | t | o | u | c | a | n | f |
| x | m | o | n | k | e | y | t | r |
| t | i | g | e | r | j | k | i | o |
| x | g | o | r | i | l | l | a | g |
| s | n | a | k | e | r | k | d | p |

gorilla      snake        toucan
jaguar       tiger        spider
ant          frog         butterfly
parrot       monkey

# Gaeilge- Ar Scoil

Léamh agus cleachtaigh na focail thíos. Má tá dísle agat, chaith an dílse agus léigh an abairt in aice léis! Mura bhfuil, iarr ar dhuine sa bhaile uimhir a roghnú idir 1 agus 5 agus léann ort!

Watch the following video to help you understand:

https://www.loom.com/share/da145ada6e8142e882e755be454a023e

(Read and practice the words below! If you have a dice at home, roll the dice! Whatever number it lands on, you will read the line of words beside it. If you don't have a dice ask someone at home to choose between 1-5!)

## Roll and Read
### Gaeilge Words Ar Scoil

| | | | | |
|---|---|---|---|---|
| ⚀ | scoil | amach | ag scríobh | ábhair scoile |
| ⚁ | mála | balla | leabhar | inné |
| ⚂ | lón | múinteoir | chuala mé | shroic mé |
| ⚃ | rang | ag léamh | bhí mé | mar |
| ⚄ | líne | ag canadh | Is maith liom | clog |
| ⚅ | geata | ag obair | Ní maith liom | gach lá |

twinkl    visit twinkl.ie

# Tuesday

## P.E

Please click on the link below to 'GoNoodle's' dancing channel. Here, KIDZ BOP kids will teach you the dance to 'Sorry' by Justin Bieber.

https://family.gonoodle.com/activities/kidz-bop-kids-sorry?utm_content=teacher&utm_medium=16830714&utm_campaign=share_link&utm_term=kidz-bop-kids-sorry&utm_source=clipboard

## Maths

# Chapter 9: Multiplication 1 – By 2, 4 and 8

## Groups of 2

2. Complete the grid.

(a) Write the missing numbers on this section of the hundred square.

| 1 | | 3 | | 5 | | 7 | | 9 | |
|---|---|---|---|---|---|---|---|---|---|
| 11 | | 13 | | 15 | | 17 | | 19 | |
| 21 | | 23 | | 25 | | 27 | | 29 | |

(b) List the numbers you wrote in order.

2, 4, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____.

3.  Complete these to make **multiple of 2** patterns.

(a) 2, _____, 6.      (b) 10, _____, 14.   (c) 18, _____, 22.   (d) 22, _____, 26.

(e) 14, _____, 18.    (f) 20, _____, 24.   (g) 8, _____, 12.    (h) 12, _____, 16.

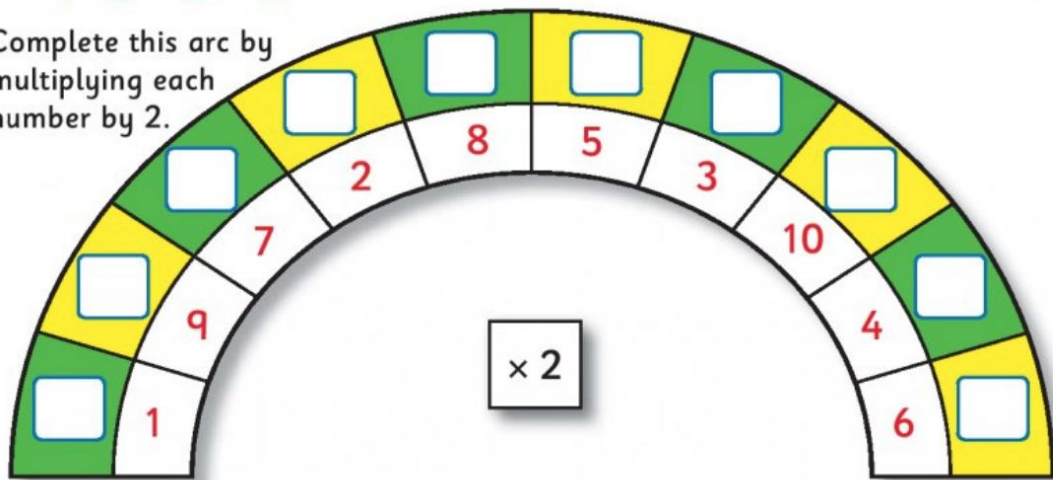(i) 26, _____, 30.    (j) 16, _____, 20.   (k) 4, _____, 8.     (l) 28, _____, 32.

4.  A toaster can toast 2 slices of bread at a time.

(a) How many slices altogether
will 4 toasters toast at a time? _____ × _____ = _____

(b) How many slices altogether
will 7 toasters toast at a time? _____ × _____ = _____

# Multiplying by 2

1.  Complete this arc by multiplying each number by 2.



× 2

2.  Complete these **multiplication** sentences.

(a) 4 × 2 = _____    (b) 5 × 2 = _____    (c) 9 × 2 = _____    (d) 8 × 2 = _____

(e) 7 × 2 = _____    (f) 10 × 2 = _____   (g) 3 × 2 = _____    (h) 6 × 2 = _____

3.  Write a **multiplication** sentence for each of these.

(a) three twos: _____ × 2 = _____    (b) eight twos: _____ × _____ = _____

(c) six twos: _____ × _____ = _____    (d) two twos: _____ × _____ = _____

(e) ten twos: _____ × _____ = _____    (f) nine twos: _____ × _____ = _____

4. How many socks are there in:

(a) 4 pairs? _____   (b) 6 pairs? _____   (c) 3 pairs? _____

(d) 9 pairs? _____   (e) 7 pairs? _____   (f) 8 pairs? _____

(g) 10 pairs? _____   (h) 5 pairs? _____   (i) 2 pairs? _____

5. A barn owl has 2 large eyes. How many eyes have:

(a) 6 owls? _____   (b) 8 owls? _____   (c) 4 owls? _____

(d) 7 owls? _____   (e) 2 owls? _____   (f) 9 owls? _____

(g) 1 owl? _____   (h) 10 owls? _____   (i) 5 owls? _____

# English- Persuasive Writing

Read the following and answer the questions below.

## Persuasive Writing

The following are arguments for and against zoos.

### Argument for zoos

I think it is very important that zoos exist.

My first reason is that they breed animals that otherwise might become extinct in the wild. These animals are often then let free into the wild. Another reason is that zoos provide a safe environment and regular meals for the animals. Furthermore, zoos educate people and give them an opportunity to observe the animals closely.

I think I have clearly shown that zoos are very important for animals and people alike.

### Argument against zoos

I think it is important that zoos do not exist.

My first reason is that it is cruel to keep animals in cages rather than in their natural environments. People see animals in cages and think it is okay to keep animals locked up. Another reason is that the animals are seen as family entertainment. Furthermore, some animals that have been bred in zoos are not able to adapt to the wild when they are set free.

I think I have clearly shown why zoos should not exist.

## Questions

Q.1 Give one reason why the author thinks zoos **should** exist.

Q.2 Give one reason why the author thinks zoos **should not** exist.

Q.3 Do you think zoos should exist? Explain your reason?

*Activity-* Do you agree or disagree with the following statements. Choose **one** statement and **write 3 reasons** why you **agree or disagree** with it.

- Pupils should bring healthy lunches to school.
- Pupils should come to school every day from eight o'clock until four o'clock.
- Junk food advertisements should be banned from television.
- Children should have televisions in their bedrooms.
- People should wear a helmet when riding a bicycle.
- Children should be allowed to drive cars.
- Children get far too many presents at Christmas.

Statement:

Agree or disagree?

Three Reasons:

1.

2.

3.

# Music

Listen to this song and answer the following questions.

Ireland's Call
https://youtu.be/vAtMzIacbMQ

1) What Irish instrument can you hear at the start of this song?
2) Is the singer male or female?
3) What country is this about?
4) How many provinces do they talk about? Can you name them?
5) Name the four counties that they sing about in the 2nd verse?
6) What sport might you hear this song played before if Ireland were playing?
7) What feeling do you feel when you listen to this song?
8) Try and sing the chorus - It's very easy:

   *Ireland, Ireland, together standing tall*
   *Shoulder to shoulder, we'll answer Ireland's Call*

# Gaeilge- Ar Scoil- Bris an Cód

Try and crack the secret code!

## Ar Scoil 1

| a | á | b | c | d | e | é | f | g | h | i | í | l | m | n | o | ó | p | r | s | t | u | ú |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |

**1.** 18 6 1 15 15

**2.** 14 2 13 1 ☐ 20 4 16 11 13 6

**3.** 5 1 13 21 1

**4.** 20 4 16 11 13

**5.** 13 6 1 3 10 1 19

**6.** 20 6 16 14 19 1 ☐ 19 1 15 9 1

**7.** 14 23 11 15 21 6 16 11 19

**8.** 4 22 13 1 11 21 10 ☐ 20 4 16 11 13 6

**9.** 4 2 20 ☐ 18 6 1 15 15 ☐ 13 22 1 11 5 10 6

**10.** 4 13 17 20

# Wednesday

## P.E

https://www.youtube.com/c/TheBodyCoachTV

Please click on the link above for 'The Body Coach' Joe Wicks' youtube channel. Here Joe is doing live PE for children every Monday, Wednesday and Friday at 9am. If you can't make 9am the video will be up on the channel permanently so click it at any time today! Parents can join in too!Get moving and have fun!

# Counting in 4s

1. **6 greyhounds are lined up for a race. Answer these questions.**

   (a) How many legs are there **altogether** on the dogs in the blue and red jackets? _____

   (b) How many legs are there **altogether** on the dogs in the orange, black and white jackets? _____

   (c) How many legs are there **altogether** on the 6 dogs? _____

2. **Complete these addition sentences. Write a multiplication sentence for each.**

   (a) 4 + 4 + 4 = _____      ➝     3 × 4 = _____

   (b) 4 + 4 + 4 + 4 = _____      ➝     4 × 4 = _____

   (c) 4 + 4 + 4 + 4 + 4 = _____      ➝     _____ × _____ = _____

   (d) 4 + 4 + 4 + 4 + 4 + 4 = _____      ➝     _____ × _____ = _____

   (e) 4 + 4 + 4 + 4 + 4 + 4 + 4 = _____      ➝     _____ × _____ = _____

3. **Sam was playing Snakes and Ladders. He rolled the die 8 times altogether. Each time he rolled a 4.**
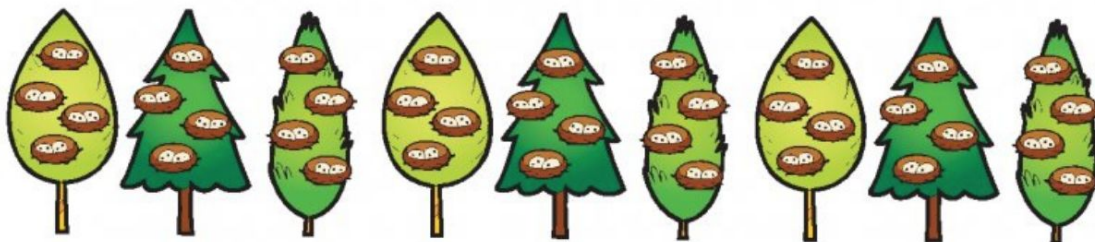
   (a) List the squares he landed on.

   _____, _____, _____, _____, _____, _____, _____, _____.

   (b) Where was Sam after 3 turns? _____

   (c) How many turns had Sam taken when he landed on 28? _____

4. **Each tree is home to 4 nests. Write each addition sentence. Write a multiplication sentence for each.**

   How many nests are there in:     Multiplication sentences:

   (a) 3 trees? _____ + _____ + _____ = _____      _____ × _____ = _____

   (b) 5 trees? _____      _____ × _____ = _____

   (c) 7 trees? _____      _____ × _____ = _____

   (d) 9 trees? _____      _____ × _____ = _____

# Groups of 4

**1. Complete the grid.**

(a) Write the missing numbers on this section of the hundred square.

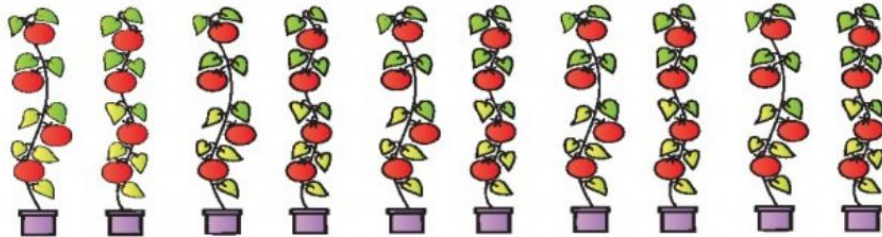| 1 | 2 | 3 |  | 5 | 6 | 7 |  | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|
| 11 |  | 13 | 14 | 15 |  | 17 | 18 | 19 |  |
| 21 | 22 | 23 |  | 25 | 26 | 27 |  | 29 | 30 |
| 31 |  | 33 | 34 | 35 |  | 37 | 38 | 39 |  |

(b) List the numbers you wrote in order.

4, _____, _____, _____, _____, _____, _____, _____, _____, _____.

---

**2. Complete these to make multiple of 4 patterns.**

(a) 4, _____, 12.

(b) 20, _____, 28.

(c) 16, _____, 24, _____, 32.

(d) 12, _____, 20.

(e) 8, _____, 16.

(f) 20, _____, 28, _____, _____.

(g) 32, _____, 40.

(h) 28, _____, 36.

(i) 0, _____, 8, _____, _____.

---

**3. There are 4 tomatoes on each of these vines. How many tomatoes are there on:**

(a) 2 vines? _____

(b) 5 vines? _____

(c) 7 vines? _____

(d) 3 vines? _____

(e) 9 vines? _____

(f) 6 vines? _____

(g) 8 vines? _____

(h) 10 vines? _____

---

**4. Now try these.**

(a) 4 groups of 4 tomatoes = _____

(b) 8 groups of 4 tomatoes = _____

(c) 5 groups of 4 tomatoes = _____

(d) 10 groups of 4 tomatoes = _____

(e) 7 groups of 4 tomatoes = _____

(f) 9 groups of 4 tomatoes = _____

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**5. An Atlantic salmon can leap 4 metres out of the water. How many metres altogether has a salmon leaped after:**
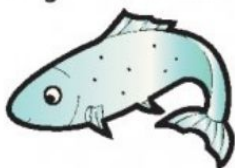
(a) 2 leaps? _____

(b) 6 leaps? _____

(c) 9 leaps? _____

(d) 4 leaps? _____

(e) 8 leaps? _____

(f) 5 leaps? _____

(g) 10 leaps? _____

(h) 7 leaps? _____

(i) 3 leaps? _____

# English- Persuasive Writing

Today you are going to write to Mr.Hayes to try to convince him that there should be no homework given in St.Aidans. Try to persuade Mr.Hayes that homework is not important by giving him reasons. Use the phrases below to help you. Write three main reasons.

| | | |
|---|---|---|
| persuade | Some believe that... | therefore |
| firstly | I feel that... | moreover |
| secondly | I am sure that... | For this reason... |
| In my opinion... | It is certain... | because |

Write three reasons to back up your opinion. Make sure these are detailed and will really persuade the reader to agree with you.

1. _____
   _____
   _____
   _____

2. _____
   _____
   _____
   _____

3. _____
   _____
   _____
   _____

# SESE: Science- Soils

## Unit 20: Soils

### New Words
humus    nutrients    micro-organisms    bacteria    fungi    lichens    fe

### Mud by Polly Chase Boyden

Mud is very nice to feel
All squishy squashy between the toes!
I'd rather wade in wiggly mud
Than smell a yellow rose.
Nobody else but the rosebush knows
How nice mud feels between the toes.

### From What Is Soil Made?

Soil is one of the most important materials on our planet. It is like a living skin that covers the surface of the Earth. Soil is made up of a mixture of living and non-living materials. It is made from rocks, plants and animals that have broken down into smaller pieces over time. Sand is made only from rocks that have broken down into tiny pieces. Soil contains clay, sand, gravel, humus (decaying plant and animal remains), air spaces and water. Soil helps to support plants by giving them nutrients (food), water, and air. Soil also keeps the plants' roots in the ground so that they can grow upright, towards the sunlight.

### How Is Soil Made?

Wind, water and ice break rocks into little pieces. Heat, water, pressure and chemicals change the rock pieces.

Small plants start to grow in the broken rock pieces. Their roots break down the rocks even more.

The plants die and start to rot over the rock pieces. This forms soil. Larger plants start to grow.

Animals and mini-beasts start to live in the plants and the soil. They die and rot into the soil, making it even richer. More plants grow. Most soil has taken thousands of years to form. Soils can come in lots of colours: black, red, yellow, white, brown and grey.

Yellow desert soil

### Living Things in Soil

Soil is home to many underground animals and insects, including the earthworm, ant and mole. Soil also contains micro-organisms such as bacteria, fungi and lichens. Many of these can only be seen with a magnifying glass or a microscope.

Ant

The most common creature in soil is the earthworm. Earthworms create tunnels in the soil, helping air and water to move through the soil. They also eat rotting plant materials, which pass through their bodies and fertilise the soil. Larger animals such as mice and moles dig burrows that also bring air into the soil. Air pockets allow the animals that live in the soil to breathe.

Mole and earthworm

**Hot Geography**

The average garden has 250 earthworms in every square metre of soil.

A handful of soil contains millions of tiny life-forms that can only be seen under a microscope.

Investigate: What Kind of Soil Is in Your Area?

## Common Soil Types in Ireland

**Clay**

**Loam**

**Sandy soil**

**Silt**

The most common types of soil in Ireland are sandy soil, clay, silt and loam. If the soil crumbles and falls apart, it is probably sandy soil. If you can squeeze it into shapes, it is clay. Clay feels sticky when it is wet. Loam is a mixture of sandy soil and clay. Loam is the best soil for growing most plants. Silt is a very fine, dusty soil that is found near rivers. It is left behind by a river after it has flooded and the water level has returned to normal.

The type of soil in an area affects the types of plants and animals that live there. Farmers and gardeners must know the type of soil that they have in order to decide what plants and crops will grow best. If the soil is not suitable, certain plants will not grow well and may even die.

Organic material
Topsoil

Pieces of rock

Solid rock

Soil layers
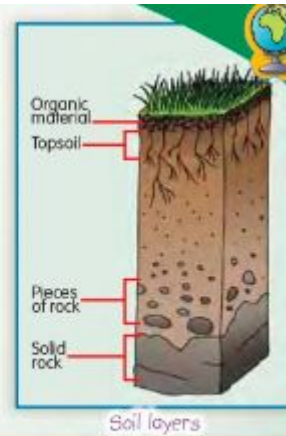
## Activities

### A. Choose the Correct Answer to Complete Each Sentence.

1. Soil contains _____.
   (a) living things, (b) dead things, or (c) living and non-living things
2. Sand is made only from _____.
   (a) soil, (b) mud, or (c) rocks
3. Humus is _____.
   (a) decayed plants and animals, (b) a funny story, or (c) a bone in your arm
4. The best soil for growing most plants is _____.
   (a) sand, (b) no soil, or (c) loam

### B. Fill in the Missing Words.

1. The most common living creature in the soil is the _____.
2. Soil contains millions of micro-_____ such as bacteria and fungi.
3. The food for plants in soil is called _____.
4. Soil holds the plants' _____ in the ground.
5. Earthworms eat _____ plant materials.

# Gaeilge- Sa Seomra Ranga

Féach ar an dhá phictiúr seo a leanas. Cad iad na difríochtaí?
(Look at the two pictures, can you spot the differences? List them!)



## Aimsigh na Difríochtaí Sa Seomra Ranga

Féach ar an dhá phictiúr seo a leanas. Cad iad na difríochtaí? (6 rúd)
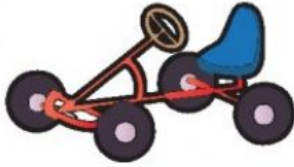
# Thursday

## P.E

Please click on the link below to 'GoNoodle's' dancing channel. Here, NTV will teach you the dance to 'Roar' by Katy Perry.

https://family.gonoodle.com/activities/roar?utm_content=teacher&utm_medium=16830714&utm_campaign=share_link&utm_term=roar&utm_source=clipboard

# Multiplying by 4

1. How many tyres are there altogether on:

   (a) 2 carts? _____   (b) 5 carts? _____   (c) 8 carts? _____

   (d) 3 carts? _____   (e) 9 carts? _____   (f) 7 carts? _____

   (g) 11 carts? _____   (h) 10 carts? _____   (i) 12 carts? _____

2. There are 4 levels in this department store. How many levels are there in:

   (a) 4 such stores? _____   (b) 6 such stores? _____

   (c) 9 such stores? _____   (d) 7 such stores? _____

   (e) 8 such stores? _____   (f) 10 such stores? _____

   (g) 3 such stores? _____   (h) 5 such stores? _____

3. Complete this arc by multiplying each number by 4.

   6  1  5  4  9  8
   3              10
   2              7

   × 4
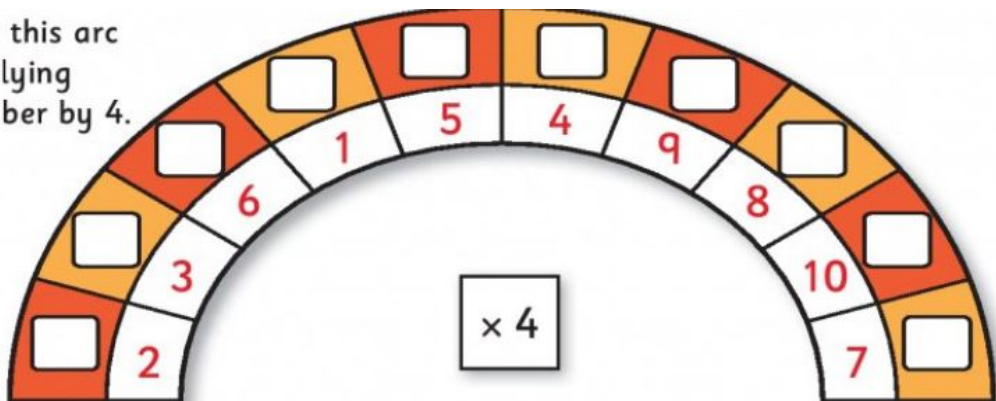
4. Complete these **multiplication** sentences.

   (a) 7 × 4 = _____   (b) 9 × 4 = _____   (c) 6 × 4 = _____

   (d) 5 × _____ = 20   (e) 8 × 4 = _____   (f) 4 × _____ = 16

   (g) _____ × 4 = 44   (h) _____ × 4 = 12   (i) _____ × 4 = 40

5. Complete this **multiplication** grid.

| × | 0 | 6 | 5 | 1 | 4 | 12 | 2 | 11 | 7 | 3 | 9 | 10 | 8 |
|---|---|---|---|---|---|----|---|----|---|---|---|----|---|
| 4 | 0 |   | 20 |  | 16 |   |   |    |   |   | 36 |    |   |

# Multiplication Wheels

Multiply the numbers by the middle number.
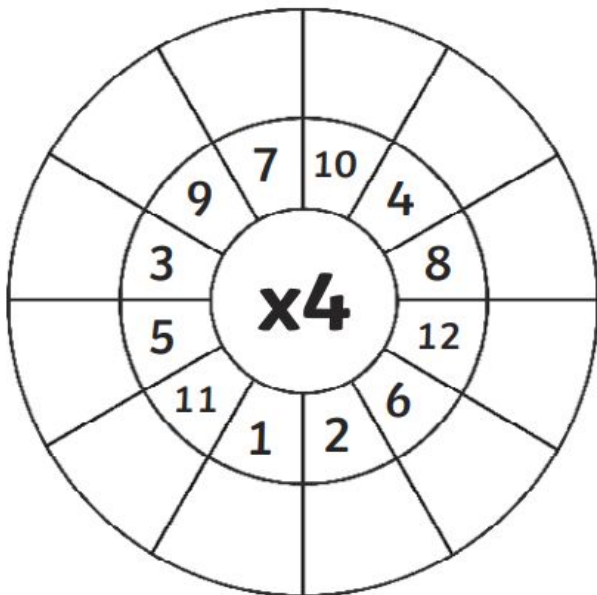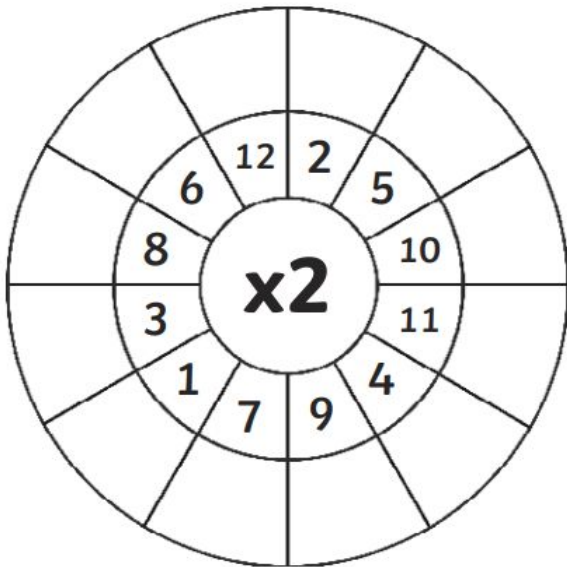
# English- Reading Comprehension

Read the comprehension and answer the questions.

## FOR SALE

### For Sale

**Playtendo Games Console with 10 Games**

Only six months old, good as new

Games included are: Car Racer 2, Race Track Madness, Ghost Hunter 3, Monster Truck Holiday, Boy Racer 2, Sing Like a Star, Sing Like a Star 2, Sing Like a Star Bonus Pack, Football Star and Soccer Hero.

All games working fine and still in their cases.

Console includes two game pads, steering wheel kit and a microphone.

Only €199 for the lot.

Would also be willing to swap everything for a mountain bike or a two-person tent.

Phone Jack on 088 77432268910.

### CHECK-UP

1 What is for sale?
2 How many games are included?
3 What extras come with the console?
4 Why is there a microphone included?
5 How much does the seller want for the set?
6 What would he be willing to swap everything for?
7 Name the person selling the games console.
8 How do you know that Jack is interested in racing cars?
9 What other sport do you think he might like?
10 Which game would be your favourite?

# SESE: Science- Soils

## Why is Soil So Important?

- Soil can hold lots of water and prevent flooding.

- Most of our food grows in soil. The rest comes from animals that eat plants that grow in soil. Without soil we would not have any food.

- Many antibiotics are made from micro-organisms that live in soil.

- Pottery is made from clay.

- These houses in Iceland are made using sods of soil and grass!

## Mudslides

After a wildfire or a drought, soil can be blown away or washed away when there are no plants to hold it in place. Mudslides happen when there is too much rainfall on loose soil, or as a result of an earthquake. They happen suddenly, often without warning and may result in the loss of life. Read the following news report about a mudslide that occured in 2011.

The number of people killed following the mudslides north of Rio de Janeiro rose to 464 on Thursday. Survivors of the disaster struggled to reach their neighbours, who were trapped under layers of mud. Wednesday's mudslides in the mountainous region destroyed homes and businesses and swept away cars and trucks. Roads and bridges were also washed away, making it impossible for emergency vehicles to reach the area. Survivors had to dig through the mud with shovels and bare hands.

**Hot Geography**

NASA's Mars rover *Curiosity* found soil that looks very like the volcanic sand in Hawaii, scientists say.

Surface of Mars

## The Surface of Mars

Mars is the fourth planet from the sun. It has hard, rocky land that you could walk on. Mars is dry and much of it is covered with reddish dust and rocks. It often has huge dust-storms with high-speed winds. The duststorms are made by the sun. Dust is sent far up into space, covering much of the planet of Mars. Some storms can be seen by people using telescopes on Earth. Mars is smaller than Earth and it is much colder. There is evidence that there was once water on Mars. If people were ever to live on Mars, they would need to find a way to turn the red dust into fertile soil.

## Activities

### A. Answer True or False. Write the False Sentences Correctly.

1. Soil is always the exact same colour.
2. Sand is made only from tiny pieces of rock.
3. Sandy soil feels sticky when it's wet.
4. Pottery is made from silt.
5. Earthworms make tunnels in the soil.
6. Humans do not use soil.

### B. Answer the Following Questions.

1. Name three types of soil.
2. What is soil made from?
3 How do humans use soil?
4. Name three animals that live in soil.
5. What part of a plant helps to hold it in place in the soil?
6. What is the top layer of soil called?

# *Gaeilge- Aonach na Scoile-* Léigh an nuachtlitir. Freagair na ceisteanna. Read the news letter. Answer the questions- Watch the teacher video attached-

https://www.loom.com/share/71b18edac26e4bf5b35a4709fd356300

**Aonach na scoile**

## A. Léigh an nuachtlitir. Freagair na ceisteanna.

### Aonach na Scoile

Bhí Aonach na Scoile ann inné. Bhí sé ar siúl i Halla na Scoile. Bhí a lán páistí agus tuismitheoirí ann. Bhí na múinteoirí ann freisin.

Cheannaigh na páistí milseáin agus leabhair. Bhuaigh Amit Patel an duais mhór – comhghairdeas, a Amit! Bhuaigh sé ciseán lán de sheacláidí agus de bhréagáin. Bhí an-spraoi ag gach duine.

Go raibh míle maith agaibh go léir.

*Halla na Scoile*

1. Cá raibh an t-aonach ar siúl?
   Bhí _____

2. Cé a bhí ann?
   Bhí _____

3. Cad a cheannaigh na páistí?
   Ch _____

4. Cé a bhuaigh an duais mhór?
   Bh _____

5. Cad a bhuaigh Amit?
   Bh _____

6. Cad a dúirt Amit nuair a bhuaigh sé an duais, meas tú?
   Measaim gur ndúirt sé '_____.'

# Friday

## P.E

https://www.youtube.com/c/TheBodyCoachTV

Please click on the link above for 'The Body Coach' Joe Wicks' youtube channel. Here Joe is doing live PE for children every Monday, Wednesday and Friday at 9am. If you can't make 9am the video will be up on the channel permanently so click it at any time today! Parents can join in too!Get moving and have fun!

Revision – x2 and x4 Multiplication Tables

# 2 times table calculations.

0 × 2 = _____

1 × 2 = _____

2 × 2 = _____

3 × 2 = _____

4 × 2 = _____

5 × 2 = _____

6 × 2 = _____

7 × 2 = _____

8 × 2 = _____

9 × 2 = _____

10 × 2 = _____

2 × ☐ = 0

2 × ☐ = 2

2 × ☐ = 4

2 × ☐ = 6

2 × ☐ = 8

2 × ☐ = 10

2 × ☐ = 12

2 × ☐ = 14

2 × ☐ = 16

2 × ☐ = 18

2 × ☐ = 20

2 × 5 = _____     7 × 2 = _____

7 × 2 = _____     2 × 4 = _____

2 × 10 = _____     3 × 2 = _____

6 × 2 = _____     2 × 2 = _____

2 × 9 = _____     9 × 2 = _____

0 × 2 = _____     2 × 1 = _____

2 × 1 = _____     2 × 0 = _____

8 × 2 = _____     4 × 2 = _____

2 × 5 = _____     2 × 8 = _____

# 4 times table calculations.

0 × 4 = _____

1 × 4 = _____

2 × 4 = _____

3 × 4 = _____

4 × 4 = _____

5 × 4 = _____

6 × 4 = _____

7 × 4 = _____

8 × 4 = _____

9 × 4 = _____

10 × 4 = _____

4 × ☐ = 0

4 × ☐ = 4

4 × ☐ = 8

4 × ☐ = 12

4 × ☐ = 16

4 × ☐ = 20

4 × ☐ = 24

4 × ☐ = 28

4 × ☐ = 32

4 × ☐ = 36

4 × ☐ = 40

4 × 5 = _____    7 × 4 = _____

7 × 4 = _____    4 × 4 = _____

4 × 10 = _____   3 × 4 = _____

6 × 4 = _____    4 × 2 = _____

4 × 9 = _____    9 × 4 = _____

0 × 4 = _____    4 × 1 = _____

4 × 1 = _____    4 × 0 = _____

8 × 4 = _____    4 × 4 = _____

4 × 5 = _____    4 × 8 = _____

3 × 4 = _____    1 × 4 = _____

4 × 6 = _____    4 × 5 = _____

# English- Spelling Test and Vocabulary Work

**Spelling Test**

Today I want you to test yourself on your spellings. If someone is around at home ask them to call them out for you just as we did in class- it should only take 5 minutes.  Listen carefully and write down the answers. When you are finished check the answers! How many did you get right? Send a picture of your answers and score to your teacher  !

When you are finished complete the following activity.

**Vocabulary Work**

1. Read the clues below and write the answer in your copy. All the words begin with the letter **'H'.** When you have figured out the words- ask the clues to someone else in your house and see if they can guess them!
2. When you have guessed all the words put them into a sentence. For example the answer to the first clue is **Half** A sentence that you could write then could be- *I ate **half** of the cake.*

   Best of luck and remember- neat writing!!!

1. one of two equal or nearly equal parts into which something can be divided
2. the body part at the end of your arm that includes your fingers and thumb
3. feeling enjoyment
4. very firm or solid : not easy to bend, cut, etc. : not soft
5. used as a greeting
6. a day when most people do not have to work
7. a usually rounded area of land that is not as high as a mountain
8. a building in which a family lives
9. a place where sick or injured people are given care or treatment
10. a place that has rooms in which people can stay especially when they are traveling
11. the number that comes directly after ninety nine

*Beginning with the letter...* H

# *Art*



https://www.youtube.com/watch?v=iaeuh77zX08 Click this link to draw a very popular Disney character! Remember to pause the video every time you need to draw your different parts!

# *Gaeilge*- Timpeall an Seomra Ranga- Cuardach Focal

## Timpeall an Seomra Ranga

| n | m | b | f | a | l | s | v | h | m | l | g |
|---|---|---|---|---|---|---|---|---|---|---|---|
| l | g | n | r | q | a | n | c | d | i | e | b |
| c | i | y | q | é | m | d | o | u | n | a | u |
| r | í | o | m | h | a | i | r | e | o | b | t |
| x | n | c | n | j | r | g | y | k | l | h | e |
| z | j | á | t | t | e | q | á | o | x | a | v |
| m | x | j | e | a | r | o | f | i | j | i | z |
| o | m | a | y | l | f | g | m | y | n | r | n |
| r | l | k | v | g | i | i | e | s | b | x | v |
| v | y | v | o | k | a | á | k | r | u | c | t |
| f | s | u | o | j | x | t | c | k | p | w | f |
| r | i | e | a | t | s | ó | p | s | h | l | a |

bréagáin      doirteal

leabhair      póstaeir

ríomhaire      scáileán

# Friday Quiz!!!

What have you learned this week!? Please answer the questions in a copy, take a photograph and send to your teacher on or before Monday to be entered in a raffle for a great prize!

| English | 1. Write down 3 adjectives to describe your bedroom. <br> 2. In the 'For Sale' comprehension activity, how much was Jack willing to sell all of his things for? What would he swap them for? |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maths   | 3. If you had 8 cars with 4 people in each car, how many people in total is that? <br> 4. If there are 4 squares in a Dairymilk bar, how many squares are there in a packet of 12 bars? |
| Gaeilge | 5. What is the Irish word for bag? <br> 6. What is the English word for doirteal? |
| SESE    | 7. What is the most common creature found in soil? <br> 8. Write 3 facts about rainforests. |