

5th Class

Hello 5th class parents and pupils,

We are into our last month of school. It is hard to believe that it will be September before we are all together again! I know you might be getting a bit bored and fed up of doing school work at home, it is so much easier when you're in school and with your teacher and all your friends! Keep trying to do a bit each day, it might make it easier when we do go back to school, you will remember all the good habits you have learned in school. There is only 3 days work this week as you would have had Monday and Tuesday off for the bank holiday weekend.

A reminder about your class **zoom call**. If you haven't joined one yet and are not sure how to, ask your mum/dad to email your teacher at the address below! For the next zoom call with Ms. Dolan and Mr.Finn, we want all of you to practise this SIREN BEAT dance challenge! Your teachers will be practising too!! Here is the link;

<https://youtu.be/25B24cKliCE>

Again, your teachers would love it if you sent them a photo of one piece of work that you are proud of!

Thank you,

Ms. Murphy.

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Mr. Moloney mmoloney@staidanssns.ie

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Ms. Ni Tharpaigh atarpey@staidanssns.ie

Suggested Home Learning Timetable 5th Class

[Ms. McCormick/Ms. Hodson's Maths and English](#)

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00			PE with Joe	PE with Joe	PE with Joe
9:30			Maths worksheet	Maths worksheet	Maths worksheet
10:00			English worksheet	English worksheet	English worksheet
10:30			Break	Break	Break
11:00			Science	School on RTE	SPHE
12:00			Lunch	Lunch	Lunch
1:00			DEAR time	DEAR time	DEAR time

Here are some more useful websites:

Maths

https://www.mathsonline.com.au/games/times_table

<https://mathsframe.co.uk/>

<https://www.khanacademy.org/math>

<https://nrich.maths.org/1458>

English

<https://spellingframe.co.uk/>

<https://www.worldofdavidwalliams.com/elevenses/>

<https://www.oliverjeffers.com/abookaday/>

SESE

<https://www.ducksters.com/>

<https://www.sciencekids.co.nz/videos/biology/bacteria.html>

<https://www.google.com/earth/>

<https://artsandculture.google.com/project/streetviews>

Wednesday 3rd June

Maths

Estimating Grams and Kilograms

A **gram** (g) is used to measure the weight or mass of very light objects.
A small paperclip weighs about a gram.

A **kilogram** (kg) is used to measure the weight of heavier objects.
A one-liter bottle of water weighs about a kilogram.

Choose the best estimate for each object or animal shown.

1.



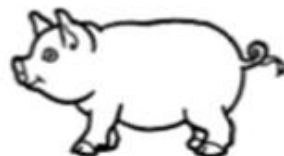
18 grams
4 kilograms
8 kilograms

2.



20 grams
500 grams
18 kilograms

3.



900 grams
9 kilograms
90 kilograms

4.



960 grams
18 kilograms
3 kilograms

5.



570 grams
7 kilograms
37 kilograms

6.



3 grams
300 grams
3 kilograms

7.



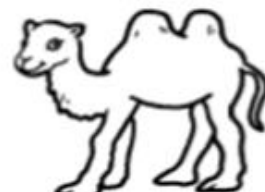
100 grams
1 kilogram
100 kilograms

8.








1 gram
50 grams
1 kilogram

9.



600 kilograms
60,000 kilograms
6,000 grams

B Tick the likely weight for each of the following.

1.  Pencil	2.  10 year old	3.  3 dictionaries	4.  Jar of honey	5.  Mobile phone
<input type="checkbox"/> 3g <input type="checkbox"/> 3kg <input type="checkbox"/> 300g <input type="checkbox"/> 30kg	<input type="checkbox"/> 3g <input type="checkbox"/> 3kg <input type="checkbox"/> 300g <input type="checkbox"/> 30kg	<input type="checkbox"/> 2g <input type="checkbox"/> 20kg <input type="checkbox"/> 2kg <input type="checkbox"/> 200kg	<input type="checkbox"/> 40g <input type="checkbox"/> 4kg <input type="checkbox"/> 450g <input type="checkbox"/> 40kg	<input type="checkbox"/> 10g <input type="checkbox"/> 100g <input type="checkbox"/> 1kg <input type="checkbox"/> 10kg

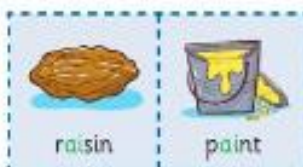
C Write the weight shown on each scale.





Sound

The long /ā/ sound, as in
raisin and paint.



1

raise
praise
raisin
brain
complain
explain
Spain

Don't forget to
write your own
special word at
the end of each list.



The key words in the last
list on each page will
be helpful to you when
writing sentences and stories.



A Complete the sentences using words from list 1.

- (a) If I use my _____, I can get all of these right.
- (b) I understand this rule, as the teacher did _____ it.
- (c) In order to give an answer, I must _____ my hand.
- (d) If I get the correct answer, the teacher will _____ me.
- (e) We had to _____ about the poor service.
- (f) Mr Kearns was tanned after his golf holiday in _____.

2

pail
nail
snail
wait
railway
tailor
sailor

B Unscramble the letters to make words from list 2.

- | | |
|-------------------|---------------------|
| (a) lains → _____ | (d) twia → _____ |
| (b) rltai → _____ | (e) rosali → _____ |
| (c) lnia → _____ | (f) wyairla → _____ |

3

gain
again
against
stain
strain
remain
paint

C The words from list 3 have been mixed up in these sentences. Write the incorrect word and the correct word.

- (a) Dad washed his jacket because there was a strain on it.
incorrect word: _____ correct word: _____
- (b) Dad wanted to buy a new car but Mam was remain his idea.
incorrect word: _____ correct word: _____
- (c) To watch the match stain, press rewind on the remote.
incorrect word: _____ correct word: _____
- (d) In a moment of crisis, you must gain calm.
incorrect word: _____ correct word: _____



4

chain
grain
plain
raining
drained
sprained
trainer

Renewable Energies

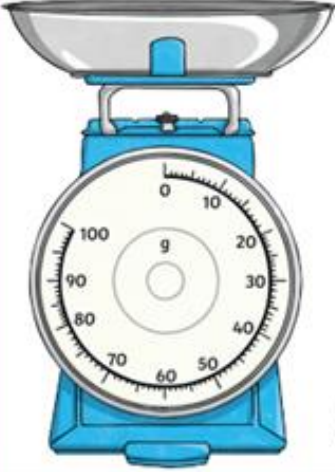


Fill in the blanks using the keywords in the boxes at the end of the worksheet.

Type of Energy	How does it work?	Benefits and Problems
<p><i>Wind Energy</i></p>	<p>When the w_____</p> <p>b_____ the b_____ turn</p> <p>around. This turns the</p> <p>g_____ on and produces</p> <p>electricity.</p>	<p>If the wind doesn't blow then there will be no e_____.</p> <p>It is popular in the Netherlands because it is a l_____ country.</p>
<p><i>Hydro-Electric Energy</i></p>	<p>Fast flowing w_____ is used to</p> <p>turn the t_____, thus</p> <p>generating e_____. Water</p> <p>is often collected behind a</p> <p>d_____ in deep v_____.</p>	<p>If it doesn't rain and the dams do not fill up then the production of electricity is very l_____.</p> <p>One country where this source of energy is very important is _____ because of the Aswan Dam.</p>

<i>Solar Energy</i>	<p>S_____ panels absorb the</p> <p>e_____ irradiated by the</p> <p>s_____ converting the light into electricity or by heating up water that is used to h_____ up our homes.</p>	<p>During the night the production of energy is lower because there is no l_____.</p> <p>It is more likely to be used in h_____ countries.</p>
<p>Keywords:</p> <p>Wind Energy</p> <p><i>Blades</i></p> <p><i>electricity</i></p> <p><i>Generator</i></p> <p><i>Blows</i></p> <p><i>lowland</i></p> <p><i>Wind</i></p>	<p>Keywords: Hydro-Electric Energy</p> <p><i>Turbines</i></p> <p><i>Dam</i></p> <p><i>Water</i></p> <p><i>Valleys</i></p> <p><i>Egypt</i></p> <p><i>Limited</i></p>	<p>Keywords: Solar Energy</p> <p><i>Sunlight</i></p> <p><i>hot</i></p> <p><i>Solar</i></p> <p><i>light</i></p> <p><i>Energy</i></p>

Mass

Student Memory Card

The mass of an object is how much matter an object has.

Mass is usually measured in the following units:

grams (g), kilograms (kg) and tonnes.

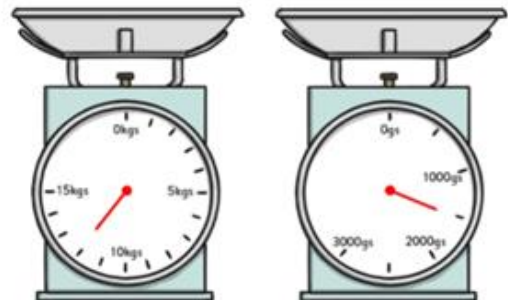
- 1000 g (grams) = 1 kg (kilogram)
- 1000 kg (kilograms) = 1 tonne

Converting Between Kilograms and Grams

LO: I can convert between different units of metric measure

One grocer only has a scales labelled in kilograms and another only has scales labelled in grams.

Complete the tables below help the grocers by converting grams into kilograms and kilograms into grams.



1.	Kilograms	Grams	2.	Kilograms	Grams	3.	Kilograms	Grams	4.	Kilograms	Grams	5.	Kilograms	Grams	6.	Kilograms	Grams
	0.252			6.371				266			9594			819			3593
	0.633			5.079				69			7865			236		7.793	
	0.191			3.213				231			7426		0.292			7.791	
	0.721			7.418				985			7702		0.448				2718
	0.725			4.402				867			6916			148			3079
	0.71			5.781				333			1742		0.876			1.193	
	0.583			3.897				967			7511		0.529				3191
	0.595			2.446				620			9753			403		2.257	
	0.625			5.861				459			3061			356		4.568	
	0.244			6.963				371			2098		0.2				1722



Bully

You are a sharp pencil
in my side during every class,
a robber of all the homework I do,
a smiling, sweet face to the teacher
but a hissing, green-eyed demon to me.

You are a cruel glass in the playground,
a towering wall that blocks my way home.
You push, kick, bruise, **taunt**, sneer, laugh
at me – there is nowhere you won't find me.
My nights and mornings have your cruel stare.

But there'll come a time when you'll fall down,
when you'll cry out, when you'll be left alone.
Then who will help you up, dry your eyes, brush
dust from your knees, gently wash your cuts clean?
Who will take your hand and walk home with you?

Enda Wyley



Comprehension

A Answer the questions.

1. What does the poet describe the bully as in the first line?
2. How does the bully behave when the teacher is there?
3. What impression do the words 'hissing green-eyed demon' give?
4. Read the second verse. What does the bully do to the poet?
5. In the third verse, what does the poet say will happen to the bully?
6. Why do you think no-one will want to help the bully?
7. How do you think other children should react to bullies?
8. Do you like this poem? Why or why not?

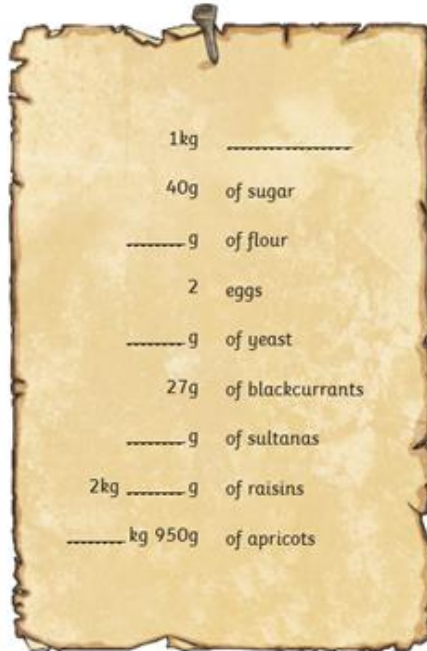


The poet compares the bully to a **sharp pencil** and a **towering wall**. Which image do you think is most effective? Why?

Friday 5th June

The Old Recipe Riddle

Look at this old recipe that was found in the bottom of one of your kitchen cupboards. Some sections of the ingredients are missing. Use the clues you are given to complete the list of ingredients and their quantities.



1. The name of one ingredient is missing from the list. It is margarine. How much margarine is used in the recipe?
2. There was 54 g of blackcurrants and sultanas, in total, added to the recipe.
3. If someone added 40 g of flour and all the apricots to the mix they would have added 5kg 990g altogether.
4. Between the yeast and the blackcurrants there was 60 g of ingredients added.
5. Using the ingredients and their quantities can you guess what this recipe might be used to make?
6. Can you write a method (set of instructions) for how the ingredients could be used to make this?





Grammar: Pronouns

A **pronoun** is a word used in place of a noun.

Personal pronouns replace people or things and include she, he, me, you, him, her, we, us, they, them, it.

Examples: She looked at him.

Possessive pronouns show ownership and include mine, yours, his, hers, ours, theirs, its.

Example: Is this book yours or mine?

A Underline all the pronouns in the sentences.

1. I like her but she doesn't seem to like me.
2. You can't have that book because it isn't yours. It's mine!
3. They promised to deliver it tomorrow.
4. He was shocked when he saw his car. Its tyres had gone.
5. Did you see them last night?
6. I think it is theirs so we should return it.
7. We're glad he is ours. He's such a lovely dog.
8. The pink sweets are mine and the orange sweets are hers.



B Sort the pronouns from the sentences into the correct columns.

Personal pronouns	Possessive pronouns

C Replace the underlined nouns with pronouns.

Mike couldn't find Mike's glasses so Mike hunted everywhere. Mike couldn't see much because it was dark so Mike crawled right under the table. Mike found a pair of glasses and Mike pulled the pair of glasses out triumphantly. "Oh no! These glasses aren't my glasses," he said.

D Some words can also be used as pronouns. Use them to complete the sentences.

any both myself someone everything

1. I couldn't choose between the pie and the mousse so I ate _____.
2. _____ was knocking at our door last night.
3. I can't find my pens. Have you got _____?
4. He told me _____.
5. If you won't do it, I'll do it _____.

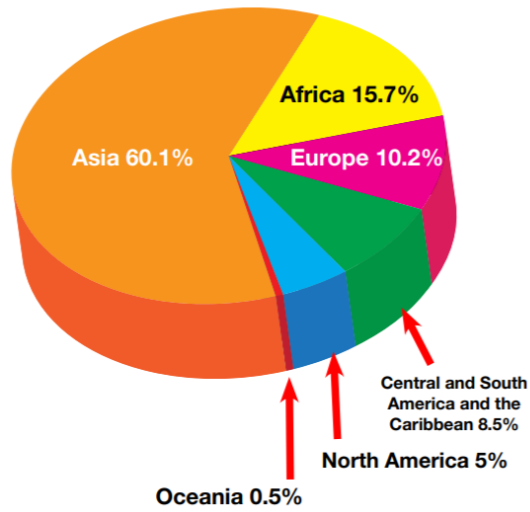


Write a sentence that includes the word **everything**.

SPHE

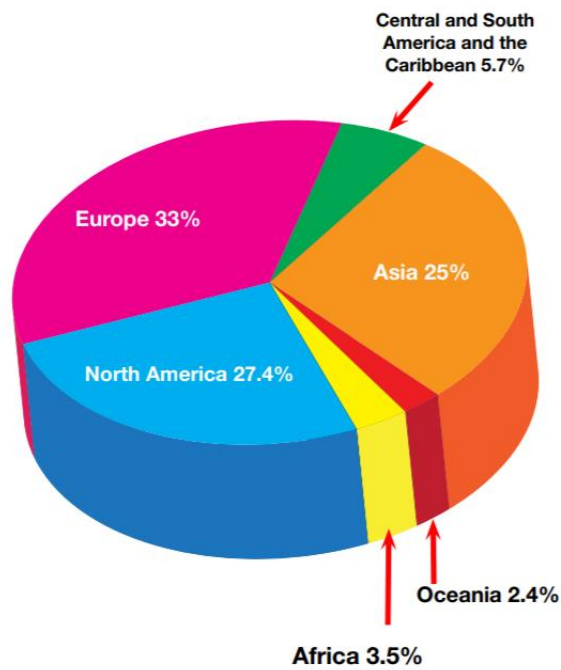
What is a Global Citizen?

Distribution of the World's Population



Distribution of The World's Wealth

Based on statistics from the International Monetary Fund 2013



Think of a ...



Fruit that is grown in Ireland

A fruit you ate recently that was not grown in Ireland ...

Something you are wearing that was not made in Ireland

A language spoken in Poland

A famous person from a country in Africa.....

A country where there has been an uprising during the last year ...

A country where rice is eaten

A country where the Government is elected by the people

Something that comes from rainforests in Brazil

Something you know about a country in Asia

A country where bananas are grown

A language spoken in Ireland

A country that you have read a lot about

A country where women can't vote ...

A country where English is not spoken ...

A country that is rich ...

A country where children have to work ...

A country where children can join the army

**People or organisations that try to bring about peace
between communities or countries ...**

Wednesday Maths

Weight – Addition and subtraction

Cian's pumpkin weighs 1kg 354g.
Amelia's pumpkin weighs 2kg 488g.
What is the total weight of the 2 pumpkins?



Step 1: Add the grammes (g).
Step 2: Add the kilograms (kg).

$$1\text{ kg } 354\text{ g} + 2\text{ kg } 488\text{ g} = \star$$

kg	g
1	354
+	2 488
<hr/>	
3	842

1. (a)

kg	g
1	304
+	1 279
<hr/>	

 (b)

kg	g
2	543
+	3 199
<hr/>	

 (c)

kg	g
2	198
+	1 043
<hr/>	

 (d)

kg	g
3	326
+	2 438
<hr/>	

 (e)

kg	g
4	726
+	3 125
<hr/>	

2. Mya's suitcase weighs 6kg 240g. Mam's suitcase weighs 2kg 538g more than Mya's.
How much does Mam's suitcase weigh? ____ kg ____ g
3. A bag of potatoes weighs 3kg 376g. A second bag of potatoes weighs 4kg 297g.
What is the total weight of the 2 bags of potatoes? ____ kg ____ g

Adam bought 2kg 853g of strawberries.
He used 1kg 592g to make jam.
What weight of strawberries had he left?



Step 1: Rename if you must!
Step 2: Subtract the grammes (g).
Step 3: Subtract the kilograms (kg).

$$2\text{ kg } 853\text{ g} - 1\text{ kg } 592\text{ g} = \star$$

kg	g
2	853
-	1 592
<hr/>	
1	261

4. (a)

kg	g
3	719
-	1 435
<hr/>	

 (b)

kg	g
5	436
-	1 182
<hr/>	

 (c)

kg	g
6	924
-	5 153
<hr/>	

 (d)

kg	g
6	492
-	3 150
<hr/>	

 (e)

kg	g
5	761
-	2 143
<hr/>	

Challenge



Tori's shopping bag weighs 3kg 926g.
Leo's bag weighs 1kg 643g less than Tori's.
How much does Leo's bag weigh?
____ kg ____ g

kg	g
<hr/>	

Thursday Maths


Weight – Problem-solving

1. Fill in the values of each weight.

(a) $1\text{ kg} =$  $+$ 
 _____g _____g



(b) $1\text{ kg} =$  $+$  $+$  $+$ 
 _____g _____g _____g _____g

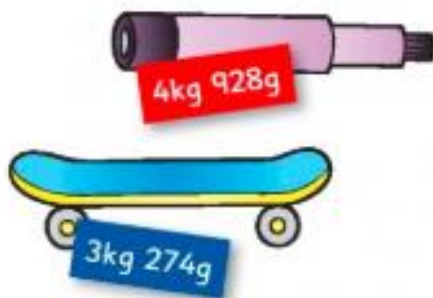
(c) $1\text{ kg} =$  $+$  $+$  $+$  $+$ 
 _____g _____g _____g _____g _____g

(d) $500\text{ g} =$  $+$  $+$  $+$ 
 _____g _____g _____g _____g

(e) $250\text{ g} =$  $+$ 
 _____g _____g

(f) $250\text{ g} =$  $+$  $+$  $+$  $+$ 
 _____g _____g _____g _____g _____g

2. A shopkeeper needs to post the following items to Cork.



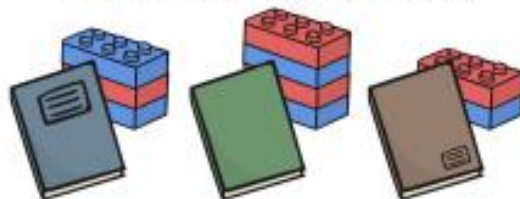
- What is the total weight of the telescope and skateboard? _____kg _____g
- What is the total weight of the rollerskates and scooter? _____kg _____g
- How much heavier is the telescope than the skateboard? _____kg _____g
- The shopkeeper has €10 to spend on posting all these items in one parcel. If it costs 50c for each 1kg you post, how much money will he have left? € _____
- What is the total weight of all 4 items? _____kg _____g

Try these Weight Challenges!

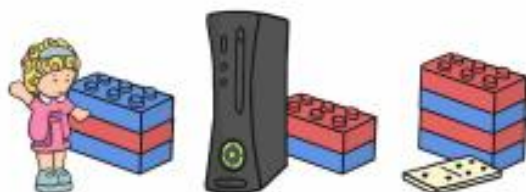
My box balances with 8 bricks, my friend's box takes 3 fewer bricks to balance. How many bricks does it take to balance my friend's box?



I weigh some books using a balance scale. I make towers from the bricks that they balance with. Which is the heaviest book? Which is the second heaviest? Which is the lightest?



I weigh some toys using a balance scale. I make towers from the bricks they balance with. Which tower should go next to which toy?



Choose some different sized objects. Is the largest object always the heaviest? Why? Why not?



Choose 3 tins, packets or boxes and find where the weight is written. Line them up in order by looking at their weight



Choose 3 classroom objects that feel to be different weights.

Line them up from lightest to heaviest. Ask a friend to feel them to see if they agree with you.



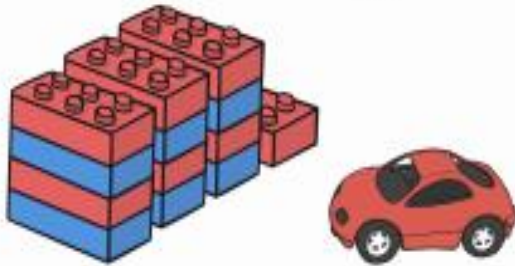
I buy 12kg of dog food. I use half of it. How many kg do I have left?



Which of the boxes looks the heaviest? Which is the heaviest? Find some containers with weights on. Can you trick your friends?



I balance my toy car with 13 bricks, my friend's needs 3 fewer to make it balance. How many bricks does it take to balance my friend's car?



I buy 14 kilos of rabbit food in 2 kg bags. How many bags do I buy?



Bags of sugar weigh 2kg each. I buy 8 bags to bake treats for my party, how many kg of sugar is that?



A large tin of paint weighs 4 kg. How much does a small tin weigh?



Wednesday English

Plurals

Many words ending in **y** make their plurals by changing the **y** to **ies**.

A Make these words plural:

1. penny + **ies** = _____

2. fly + **ies** = _____

3. sky + **ies** = _____

4. ferry+ **ies** = _____

5. body + **ies** = _____

6. try + **ies** = _____

7. story + **ies** = _____

8. berry + **ies** = _____

B Choose four of the plurals you have made and then use them in a sentence of your own.

Thursday English

LO: To learn how to pluralise words ending in the vowel 'o'

Rule: If a word ends in "o" and the letter before it is a vowel, then you add an "s" to make it plural. If the word ends in an "o" and the letter

before it is a consonant, you add an "es" to make it plural. Of course, there are exceptions to that rule (piano = pianos). Also, some words have two spellings that are correct (buffaloes and buffalos).

examples

<u>One radio</u>	<u>Two radios</u>
<u>One tomato</u>	<u>Two tomatoes</u>

Which ending do the following words have when you make them plural?

1. Radio _____

2. Video _____

3. Hero _____

4. Domino _____

5. Kilo _____

6. Piano _____

7. Tomato _____

8. Potato _____

9. Torpedo _____

10. Echo _____

11. Cameo _____

12. Ratio _____

Extension: Write a short sentence which include the singular and plural words.

For example: Sally bought a radio. James has ten radios in his bedroom.

Look up any words you do not know the meaning of in a dictionary!

The Fox and the Crow



Flattery is complimenting or praising someone to get something in return. **Read this fable about a hungry fox. Then answer the questions below.**

A fox was walking through the forest when he saw a crow sitting on a tree branch with a fine piece of cheese in her beak. The fox wanted the cheese and decided he would be clever enough to outwit the bird. "What a noble and gracious bird I see in the tree!" proclaimed the fox, "What exquisite beauty! What fair plumage! If her voice is as lovely as her beauty, she would no doubt be the jewel of all birds!" The crow was so flattered by all this talk that she opened her beak and gave a cry to show the fox her voice. "Caw! Caw!" she cried, as the cheese dropped to the ground for the fox to grab.

How does the fox trick the crow?

- A) The fox offers the crow jewels until she gives him the cheese.
- B) The fox teases the crow until she cries, dropping the cheese.
- C) The fox compliments the crow until she opens her mouth, dropping the cheese.

What is the moral or lesson of this story?

- A) Don't listen to flatterers.
- B) Don't take other people's food.
- C) Listen to compliments.



Mr. Moloney's Maths Challenge:

Try these 6x6 sudoku puzzles for a tough challenge!
Remember: Each row (horizontal line), column (vertical line)
and box must have the numbers 1-6. Have fun!

1

	5				1
		4	6		
4				5	
1					4
	4	3			
	6		2	4	

2

5		4			
6				3	5
1	2				
			6		
		1			3
4		3		6	2

7

3					
			2		5
4	5		6		
	6			4	1
		2	4	5	
	4	6			2

8

5		3			
				2	
3		6			2
		1	6		5
			2		6
	1	2			

3

	3	4			
				2	4
	5	3			
4			1		5
6		1	2		
				4	1

4

	2	4			6
	6			3	4
5			6		
6		1	5		3
2		3			
				1	

9

					5
	6	1		4	
1			2	5	
2		6		1	
	4				1
			6	2	

10

	5				2
					4
		4	1		
1		3	2		
2				6	
	4	1	5	2	
