

Year group: 3

Date:

	Challenge 1	Challenge 2	Challenge 3
English	Can you read the information from Charlie and the Chocolate Factory and answer the questions in full sentences?	Can you read the information from Charlie and the Chocolate Factory and answer the questions in full sentences?	Can you read the information from Charlie and the Chocolate Factory and answer the questions in full sentences?
Maths	a) Can you identify the odd and even numbers? b) TTrackstars	a) Can you identify and measure the perimeter of the 2D shapes? b) TTrackstars	a) Can you identify and measure the perimeter of the 2D shapes? b) TTrackstars
Reading/ Spellings	Can you practice writing the spellings and then write a sentence for each word?	Can you practice writing the spellings and then write a sentence for each word?	Can you practice writing the spellings and then write a sentence for each word?
	Don't worry if you have finished your home links book. Why not have a look at the e books that have been added to this week's folder and get stuck into one of those.		
Other	Design and Technology - Have a look at the information about dream catchers. Can you now use the design sheet to design your own? Remember to think about colours and pattern you would like to use for your dream catcher.		

Challenge 1 spellings

Word	Spell	Spell	Spell
because			
beautiful			
children			
everybody			
people			

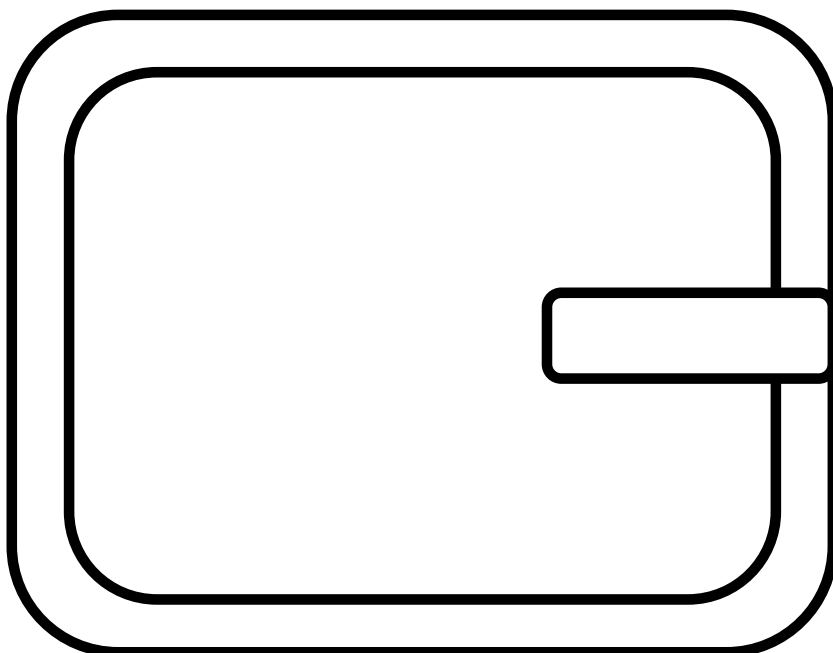
Can you write a sentence for each word above?

Challenge 1 English

He lifted the lid from a huge pot and took a sniff; then he rushed over and dipped a finger into a barrel of sticky yellow stuff and had a taste; then he skipped across to one of the machines and turned half a dozen knobs this way and that; then he peered anxiously through the glass door of a gigantic oven, rubbing his hands and cackling with delight at what he saw inside.

1. Under line the adjectives.
2. Circle the verbs.
3. Which word means looked? _____
4. Why do you think Mr Wonka skipped across to one of the machines?

5. Draw what you think is behind the oven door.



Challenge 2 English

Mr Wonka himself had suddenly become even more excited than usual, and anyone could see that this was the room he loved best of all. He lifted the lid from a huge pot and took a sniff; then he rushed over and dipped a finger into a barrel of sticky yellow stuff and had a taste; then he skipped across to one of the machines and turned half a dozen knobs this way and that; then he peered anxiously through the glass door of a gigantic oven, rubbing his hands and cackling with delight at what he saw inside.

1. Underline the verbs.

2. How did Mr Wonka feel in this room?

3. What did he taste?

4. How was the pot described?

5. Why do you think Mr Wonka skipped across to one of the machines?

6. What does anxiously mean?

7. What do you think was inside the oven? Why?

Challenge 3 English

Charlie Bucket stared around the gigantic room in which he now found himself. The place was like a witch's kitchen! All about him black metal pots were boiling and bubbling on huge stoves, and kettles were hissing and pans were sizzling, and strange iron machines were clanking and spluttering, and there were pipes running all over the ceiling and walls, and the whole place was filled with smoke and steam and delicious rich smells. Mr Wonka himself had suddenly become even more excited than usual, and anyone could see that this was the room he loved best of all. He was hopping about among the saucepans and the machines like a child among his Christmas presents, not knowing which thing to look at first. He lifted the lid from a huge pot and took a sniff; then he rushed over and dipped a finger into a barrel of sticky yellow stuff and had a taste; then he skipped across to one of the machines and turned half a dozen knobs this way and that; then he peered anxiously through the glass door of a gigantic oven, rubbing his hands and cackling with delight at what he saw inside. Then he ran over to another machine, a small shiny affair that kept going phut-phut-phut-phut-phut, and every time it went phut, a large green marble dropped out of it into a basket on the floor.

Challenge 3 English continued

1. Underline the verbs.
2. Highlight the simile.
3. How did Charlie feel when he was looking around the room?
How do you know this?

4. What does anxiously mean?

5. Which words tell you that the machines were noisy?

6. How would you feel walking into that room? Explain your answer.

7. Use a dictionary to find the definition of these words

delicious _____

dozen _____

gigantic _____

8. Using a thesaurus, could you find better words for

large _____

loved _____

Challenge 3 English continued

9. Why do you think the author used the simile?

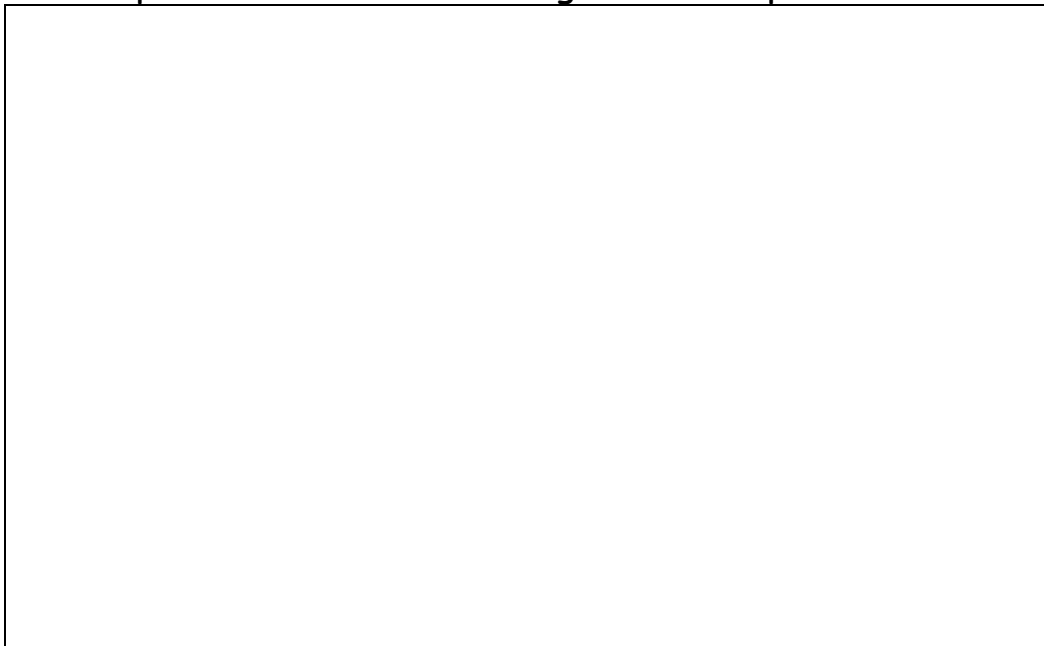
10. Could you change the simile?

'He was hopping about among the saucepans and the machines like a

Extension

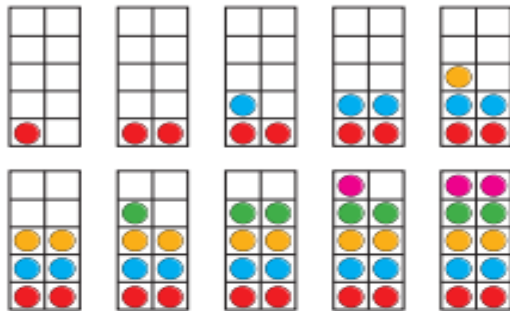
All about him black metal pots were boiling and bubbling on huge stoves, and kettles were hissing and pans were sizzling, and strange iron machines were clanking and spluttering, and there were pipes running all over the ceiling and walls, and the whole place was filled with smoke and steam and delicious rich smells.

Draw a picture of the room using the description above.



Odd and even numbers

- 1 Eva uses counters to make the numbers from 1 to 10



Which numbers are even?
What do you notice about all the even numbers?

- 2 Use counters and ten frames.
a) Show that 14 is an even number.
b) Show that 15 is an odd number.
c) Work out whether 18 is even or odd.
Compare answers with a partner.
- 3 Draw circles to show the groups.
a) Group the shoes in 2s to show that 16 is even.



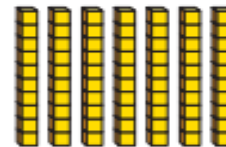
- b) Group the socks in 2s to show that 17 is odd.



- 4 Colour all the even numbers on a 50 grid.
What do you notice about the last digit of all the even numbers?

See next page for grid to colour

- 5 Dexter makes the number 70 from base 10



70 is odd as you cannot share into 2 equally.

What mistake has Dexter made?



- 6 a) Teddy has a 2-digit number.
The 1st digit has been covered up.
Is Teddy's number odd or even?
odd even you cannot tell
How do you know?



Challenge 1 number grid for question 4



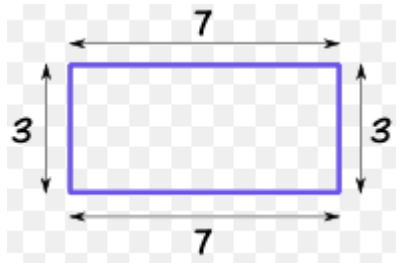
The image shows a colorful number grid titled "Minibeast Number Grid". The grid is set against a background of a garden with green grass, trees, and a blue sky with clouds. A monarch butterfly is visible on the right side. The grid consists of 10 columns and 5 rows, with numbers 1 through 50 arranged in order from top-left to bottom-right.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Challenge 2 and 3 Maths help

How to measure the perimeter of a shape?

The perimeter is the length of the outside of the shape,

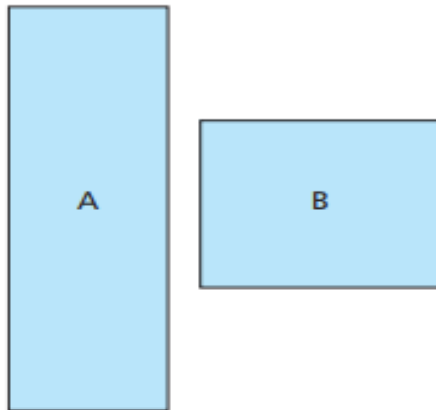


$$7 + 7 + 3 + 3 = 20 \text{ cm}$$

Challenge 2 Maths

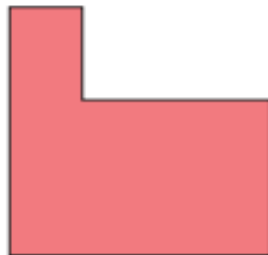
Measure perimeter

- 1 Here are two rectangles.



Use a piece of wool to measure the perimeter of each rectangle.
How much wool did you need for each one?
Give units with your answer.

- 2 Use a piece of wool to measure the perimeter of the hexagon.
How much wool did you need? Give units with your answer.



- 3 a) Measure each side of the rectangle and label it.



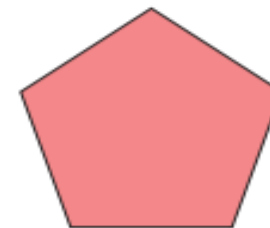
b) What is the perimeter of the rectangle?

- 4 Measure the perimeter of each shape.

a)



b)



- 5 Draw a triangle with a perimeter of 15 cm.

Challenge 3 Maths

Measure perimeter

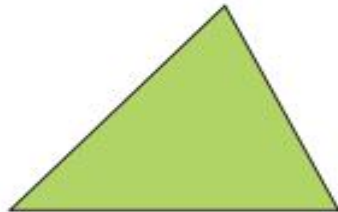
- 3 a) Measure each side of the rectangle and label it.



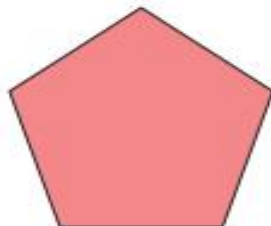
- b) What is the perimeter of the rectangle?

- 4 Measure the perimeter of each shape.

a)



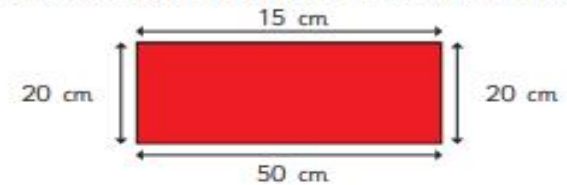
b)



- 5 Draw a triangle with a perimeter of 15 cm.



- 6 Aisha is working out the perimeter of a rectangle. She measures the length of all 4 sides and labels the rectangle.

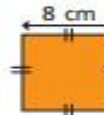


How do you know that Aisha's measurements are wrong?

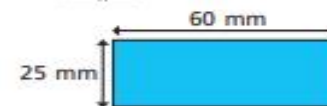


- 7 Is it possible to work out the perimeter of each shape?

a)



b)



c)



How do you know whether you can or cannot find the perimeter of each shape?

Talk about it with a partner.



Dream Catchers

Dream catchers are common in Native American culture.

They are usually circular and have a web or a net in which to 'catch your dream'.

The net is made by weaving thread around the circle.



Feathers and beads are used to decorate them because they are special items in this culture.

They were designed to filter out bad dreams so that only the good dreams could get through to the mind.

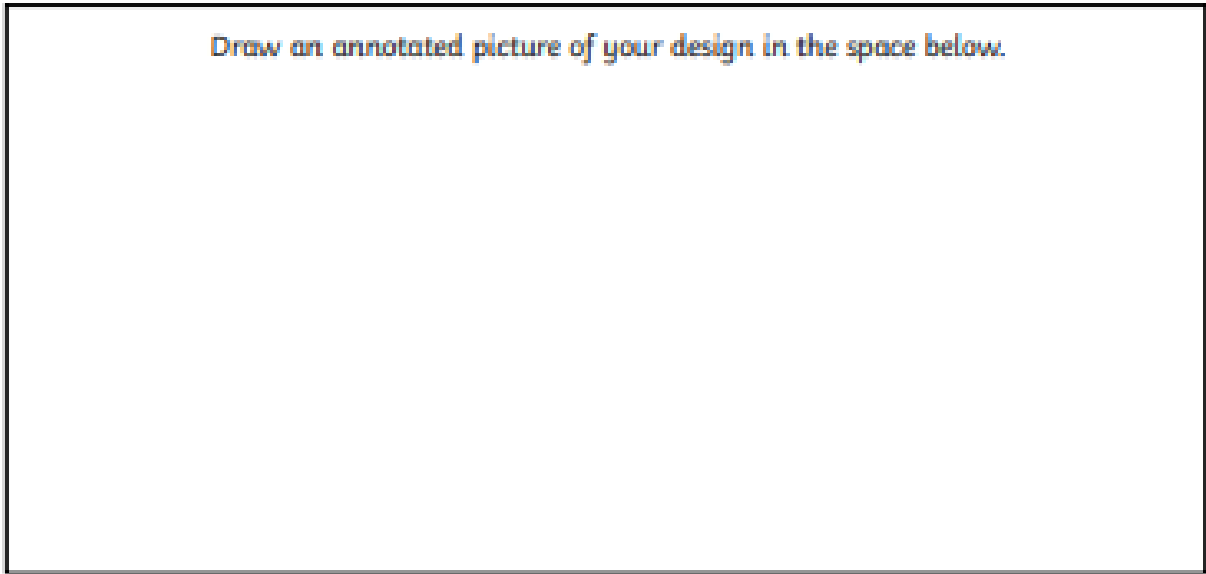
Photo courtesy of Steven Lewis (@flickr.com) - granted under creative commons license - attribution

Examples



I am going to make: _____

Draw an annotated picture of your design in the space below.



The tools that I need are:

The fabrics and materials that I need are:
