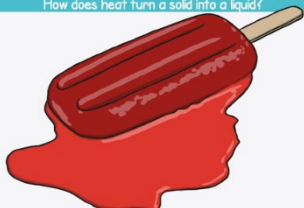
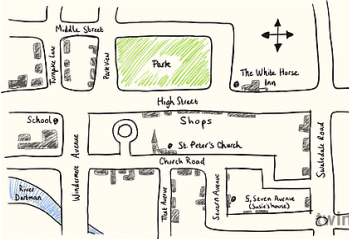


Year 4 Homework Grid

Your homework activities for this term are on the grid below. You can choose to complete the activities in any order; most of the learning activities are linked to our current topic so you should already have lots of knowledge about the areas of study! Make sure that you ask someone at home to help you if you find any of the activities too tricky and always ask an adult to accompany you with any outdoor activities.

- ✓ Complete activities in your Homework book
- ✓ Complete at least one activity every 2 weeks
- ✓ Remember you have the whole term to complete all tasks
- ✓ Homework is due back to school every Wednesday for your teacher to look at your work
- ✓ You will be set one activity page each week from the English CGP book and one from the maths White Rose book (your teacher will let you know the page numbers)
- ✓ In addition to these activities, practise your spellings on a regular basis and try and find some time to read each day
- ✓ In readiness for the Multiplication Tables Check (MTC), daily practice of timestables is vitally important you can use Timestable Rockstars or any other resources attached

Additional Maths activity: Feel free to also complete any of the additional Maths activities if you would like an extra challenge!

1. English	2. Mathematics	3. Science	4. Art	5. Geography
Our first English unit of the term is Myths. Research Myths and choose one to read. Once you have read it a number of times see if you can rewrite it in your own words. Perhaps you could change the ending? http://www.history-for-kids.com/myths-and-legends.html 	In readiness for the MTC, use the attached resources to practise. 3 Times Table Multiplication Wheels 1 33 5 24 7 3 10 4 18 4 27 2 6 30 3 1 4 5 36 4 Times Table Multiplication Wheels 1 44 5 32 7 4 10 4 48 4 12 2 24 40 4 1 4 5 28 8 Times Table Multiplication Wheels 1 88 5 64 7 4 10 4 96 4 24 2 48 80 4 1 8 5 96 2 32 9 80 16 5 11 8 56 5 88 1 88 80 7 5 11 8 72 See additional resources	Later in the term we will be studying, solids, liquids and gases which are called the three states of matter. Complete the states of matter crossword to revise what we have learnt in class. Use your knowledge of states of matter and changing state to complete this crossword. Across 2. In a liquid, the _____ are quite close together but move over and around each other. 4. When wet clothes dry on a washing line, the water from the clothes is _____. 5. When a gas cools, it _____, and changes into a liquid. 6. The particles in a solid are very close together and _____ on the spot. 7. Evaporation is the process of a _____ changing to a gas. 8. The freezing point of _____ is zero degrees Celsius. 9. Water _____ at one hundred degrees Celsius. Down 1. The particles in a _____ are far apart and move quickly to spread out in the space they are in. 2. Rain, snow, sleet and hail are examples of _____. 3. The four stages of the water _____ are evaporation, condensation, precipitation and collection. 5. When water vapour rises from oceans, lakes and rivers, it cools and condenses to form _____. 6. When a solid changes to a liquid, it has _____. Use these words to help you: melts boil condenses clouds cycle evaporated move precipitation particles gas How does heat affect the particles in a solid? How does heat turn a solid into a liquid? 	In Art, we are studying the art of Antoni Gaudi. Use recycled materials (newspaper, magazines, packaging...) to create a mosaic inspired by the work of Antoni Gaudi. 	In Geography, we will be studying settlers. Visit the website below to learn what makes somewhere a good place to settle. Use what you have learnt to draw a map of where you live and write a short paragraph outlining why it is a good place to settle? https://www.bbc.co.uk/bitesize/topics/zttbcmn/articles/zfk72v4 
Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:

1. English

Write a book review using the template attached.

Watch this to help you.

[Writing a book review - Year 5 - P6 - English - Home Learning with BBC Bitesize - BBC Bitesize](#)

My book cover

Book title:
Author:
Illustrator:
Genre (tick as many as apply to your book):
☐ fiction ☐ scary ☐ animal story
☐ non fiction ☐ fairy tale ☐ biography
☐ fantasy ☐ adventure ☐ historical
☐ humour ☐ sports ☐ mystery
☐ other

Plot

Event 1
Event 2
Event 3

Cause and Effect of one of the events in the book.

Cause

Effect

My Star Rating

☆☆☆☆☆
Why I rated the book ___ stars

Setting

Picture of the setting

Character

Name
Personality
Physical Appearance
How I feel about this character and why

2. Mathematics

Practise your addition and subtraction skills.

See the attached sheet.

Solve the following addition calculations:

1. 4 6 7 2
+ 1 9 9 6

2. 4 6 9 7
+ 1 3 9 4

3. 2 5 8 9
+ 7 4 5 8

4. 4 5 8 8
+ 3 6 2 5

5. 9 4 6 2
+ 8 7 6 4

6. 7 4 1 4
+ 5 2 4 8

Solve the following subtraction calculations:

1. 8 4 0 8
- 2 7 8 4

2. 4 2 5 8
- 3 6 8 4

3. 7 5 1 8
- 4 2 5 3

4. 6 5 2 8
- 4 2 9 7

5. 7 5 4 8
- 6 7 5 2

6. 9 2 8 7
- 6 5 8 9

3.Science

Make Oobleck (Non-Newtonian Fluid)

Activity: Mix cornstarch and water. Sometimes it acts like a solid, sometimes like a liquid.

Homework Task: Write down situations where Oobleck feels solid vs. liquid.

Learning Point: Not everything fits neatly into "solid" or "liquid."

4. PE

Set up some markers around the house or in the garden and complete the circuits that are attached at the back.

Side Reaches
How many in 1 minute?

Tricep Dips
How many in 1 minute?

Seal Raises
How many in 1 minute?

5.Science

We are learning about how to group and classify organisms.

Play the attached game with a friend or adult support. How many different ways can you group the organisms?

Take photos or stick in one example into your book to show what you have learned.

Activity - Grouping organisms

This is an activity for two children. Carefully cut out the pictures of organisms and the challenge cards. There are some blank cards to add your own organisms. Choose a challenge card and challenge your partner to sort the organisms according to the description. Were they right? Now let your partner challenge you. When you have used all of the challenge cards, choose your favourite one and use it to complete the Venn diagram by adding the names.

Animals	Flowering plants	Mammals
Tetrapods (four-limbed vertebrates)	Oviparous animals (animals which lay eggs)	Aquatic animals (animals which live in water)
Herbivores (animals which only eat plants)	Vertebrates (animals with backbones)	Reptiles
Insects	Invertebrates (animals without backbones)	Predators (animals which hunt, kill and eat other animals)

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Signed (parent/ guardian):
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Date:

1. English	2. Mathematics	3. History	4. PSHE	5.Handwriting/spelling																																																																														
Brush up on your grammar and punctuation by trying the challenges attached. 8. Choose the appropriate pair of pronouns to complete the passage. Tick one pair. The postman picked up the heavy bag and put it on _____ shoulder. _____ was full of Christmas post today. her / It ☐ his / They ☐ his / It ☐ 9. Does the underlined word in the sentence below show plural or possession? Tick one. The <u>witch's</u> cauldron boiled and bubbled. Plural ☐ Possession ☐ 10. Circle the fronted adverbial in this sentence. Patiently, the teacher waited for the class to stop walking so he could begin the lesson.	In preparation for your end of year Multiplication Tables Check practice answering these questions. Can you improve your fluency by using TT Rockstars? See resources at the back Ultimate Times Tables Missing Numbers Challenge Name: _____ Number Correct: _____ Date: _____ Previous Score: _____ <table><tr><td>2 × ____ = 8</td><td>40 × ____ = 10</td><td>12 × ____ = 144</td><td>11 × 7 = ____</td><td>____ × 3 = 21</td><td>48 ÷ 12 = ____</td></tr><tr><td>____ × 1 = 3</td><td>____ × 4 = 24</td><td>____ × 5 = 30</td><td>35 ÷ ____ = 5</td><td>8 × ____ = 72</td><td>8 × ____ = 24</td></tr><tr><td>____ ÷ 5 = 2</td><td>3 × ____ = 21</td><td>4 × ____ = 44</td><td>____ × 8 = 40</td><td>5 × 4 = ____</td><td>120 ÷ ____ = 10</td></tr><tr><td>4 × ____ = 16</td><td>8 × 11 = ____</td><td>48 ÷ 6 = ____</td><td>9 × ____ = 36</td><td>11 × ____ = 121</td><td>____ × 4 = 16</td></tr><tr><td>10 × ____ = 60</td><td>7 × ____ = 35</td><td>9 × ____ = 90</td><td>1 × ____ = 8</td><td>18 ÷ 3 = ____</td><td>9 × ____ = 18</td></tr><tr><td>____ × 4 = 8</td><td>____ × 9 = 18</td><td>____ × 6 = 12</td><td>12 × 6 = ____</td><td>____ × 6 = 48</td><td>30 ÷ ____ = 5</td></tr><tr><td>16 ÷ 8 = ____</td><td>8 × ____ = 80</td><td>7 × 7 = ____</td><td>____ × 9 = 63</td><td>____ × 9 = 27</td><td>9 × ____ = 36</td></tr><tr><td>5 × 3 = ____</td><td>____ ÷ 2 = 12</td><td>____ × 1 = 8</td><td>____ × 10 = 30</td><td>24 ÷ 4 = ____</td><td>2 × ____ = 14</td></tr><tr><td>____ × 3 = 30</td><td>20 ÷ ____ = 5</td><td>____ × 9 = 81</td><td>9 × ____ = 54</td><td>____ × 7 = 49</td><td>8 × 5 = ____</td></tr><tr><td>____ × 1 = 12</td><td>12 × ____ = 72</td><td>36 ÷ 12 = ____</td><td>____ × 4 = 12</td><td>12 × ____ = 144</td><td>3 × ____ = 12</td></tr><tr><td>3 × ____ = 18</td><td>____ ÷ 3 = 3</td><td>10 × 12 = ____</td><td>8 × ____ = 64</td><td>6 × ____ = 18</td><td>____ ÷ 6 = 36</td></tr><tr><td>____ × 4 = 44</td><td>8 × ____ = 32</td><td>8 × ____ = 56</td><td>____ ÷ 2 = 7</td><td>8 × ____ = 56</td><td>____ × 9 = 99</td></tr><tr><td>7 × ____ = 14</td><td>____ × 4 = 16</td><td>____ × 10 = 30</td><td>12 × ____ = 132</td><td>4 × 10 = ____</td><td>28 ÷ 4 = ____</td></tr></table>	2 × ____ = 8	40 × ____ = 10	12 × ____ = 144	11 × 7 = ____	____ × 3 = 21	48 ÷ 12 = ____	____ × 1 = 3	____ × 4 = 24	____ × 5 = 30	35 ÷ ____ = 5	8 × ____ = 72	8 × ____ = 24	____ ÷ 5 = 2	3 × ____ = 21	4 × ____ = 44	____ × 8 = 40	5 × 4 = ____	120 ÷ ____ = 10	4 × ____ = 16	8 × 11 = ____	48 ÷ 6 = ____	9 × ____ = 36	11 × ____ = 121	____ × 4 = 16	10 × ____ = 60	7 × ____ = 35	9 × ____ = 90	1 × ____ = 8	18 ÷ 3 = ____	9 × ____ = 18	____ × 4 = 8	____ × 9 = 18	____ × 6 = 12	12 × 6 = ____	____ × 6 = 48	30 ÷ ____ = 5	16 ÷ 8 = ____	8 × ____ = 80	7 × 7 = ____	____ × 9 = 63	____ × 9 = 27	9 × ____ = 36	5 × 3 = ____	____ ÷ 2 = 12	____ × 1 = 8	____ × 10 = 30	24 ÷ 4 = ____	2 × ____ = 14	____ × 3 = 30	20 ÷ ____ = 5	____ × 9 = 81	9 × ____ = 54	____ × 7 = 49	8 × 5 = ____	____ × 1 = 12	12 × ____ = 72	36 ÷ 12 = ____	____ × 4 = 12	12 × ____ = 144	3 × ____ = 12	3 × ____ = 18	____ ÷ 3 = 3	10 × 12 = ____	8 × ____ = 64	6 × ____ = 18	____ ÷ 6 = 36	____ × 4 = 44	8 × ____ = 32	8 × ____ = 56	____ ÷ 2 = 7	8 × ____ = 56	____ × 9 = 99	7 × ____ = 14	____ × 4 = 16	____ × 10 = 30	12 × ____ = 132	4 × 10 = ____	28 ÷ 4 = ____	As we study the Anglo-Saxons in our history lessons, write a fact file about Anglo-Saxon king Alfred the Great. Who was Alfred the Great? - BBC Bitesize  You could include information about: - The length of his reign - The Anglo-Saxon kingdom he ruled - Notable achievements - His life before his was made king. This can be handwritten or made like a presentation electronically.	Think about all the ingredients you need to be a good friend, list them on the True Friendship Jam jar. See attached template at the back True Friendship Jam 	Brush up on your handwriting whilst practising your spellings too! See attached worksheets Year 3 and 4 Statutory Spellings height _____ history _____ imagine _____ increase _____ important _____ interest _____ island _____ knowledge _____ learn _____ length _____
2 × ____ = 8	40 × ____ = 10	12 × ____ = 144	11 × 7 = ____	____ × 3 = 21	48 ÷ 12 = ____																																																																													
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Signed (parent/ guardian): _____ Date: _____	Signed (parent/ guardian): _____ Date: _____	Signed (parent/ guardian): _____ Date: _____	Signed (parent/ guardian): _____ Date: _____	Signed (parent/ guardian): _____ Date: _____																																																																														



Year 4 Maths Home Learning Grid

Additional Maths challenges

Write the short date and highlight when you complete a task.



<https://nrich.maths.org/8063>

Take three numbers

Choose any two odd numbers and one even number, such as 3, 5 and 2.

How would you like to represent these numbers?

Try adding them together and draw/make the representation of their sum.

What do you notice about the answer?

Look closely at your model.

Would it work in exactly the same way if you used different numbers but still two odds and one even?

Can you use your example to prove what will happen every time you add two odd numbers and one even number?

See if you can explain this to someone else. Are they convinced by your argument?

Once you can convince someone else, see if you can find a way to show the argument on paper. You might draw something or take a photo of things you have used to prove that your result is always true from your example.

<https://nrich.maths.org/6342>

Four digit targets

You have two sets of the digits from 0 to 9.

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9

The idea is to arrange these digits in the five boxes to make four-digit numbers as close to the target number as possible.

You may use each digit once only.

largest odd number

largest even number

largest multiple of 3

smallest multiple of 5

number closest to 5000

<https://nrich.maths.org/13267>

What distance?

Here are the distances (as the crow flies) in km from London to various cities in the world (see maps on link):

Abu Dhabi 5480
Barcelona 1139
Cape Town 9680
Delhi 6718
Edmonton 6805
Florence 1209
Gothenburg 1039
Houston 7812
Istanbul 2501
Jerusalem 3611
Karachi 6314
Lauceston 17425

Challenge 1

If someone took you the first 1000km how much further would you have to go for each of the twelve journeys?

Rather than actually performing each calculation, could you say which you think will be the most difficult and which will be the easiest, and why?

Now create some similar questions of your own.

Challenge 2

If you started at Copenhagen then went to London, which is about 1000 km away each time for all of the journeys shown above, how far would you have travelled in each case?

<https://nrich.maths.org/204>

Number Detectives

Calling all detectives!

You will need to think creatively, use your reasoning skills and your problem-solving strategies to find the mystery number from the list below.



- The number has two digits.
- Both of the digits are even.
- The digit in the tens place is greater than the digit in the ones place.
- The ones digit is not in the three times table.
- The tens digit is not double the ones digit.
- The sum of the two digits is a multiple of five.

18	86
120	42
46	64
80	8
22	83

<https://nrich.maths.org/12670>

Always, Sometimes or Never?

Are the following statements always true, sometimes true or never true?

You could cut out the cards from this sheet and arrange them in to Always, Sometimes or Never columns?

When you add two even numbers together the answer is even	When you add two odd numbers together the answer is odd	If you add an even number to an odd number the answer is even
When you multiply by an odd number the answer is odd	When you multiply by an even number the answer is even	Doubling a number results in an even number
When you multiply a number by itself the answer is even	The sum of four even numbers is divisible by four	Adding three consecutive numbers results in an even number

Can you find examples or counter-examples for each one?

For the “sometimes” □ cards can you explain when they are true? Or rewrite them so that they are always true or never true?

<https://nrich.maths.org/5579>

Growing Garlic

Ben is on the allotment with his Mum. They would like to grow some garlic and are deciding how to plant the garlic cloves.

Ben arranges the cloves into three rows and finds that he has one spare clove.

How many cloves might he have had to start with?

How do you know?

Ben plants cloves of garlic in two rows and has one clove left over. So he tries again.

He plants cloves in three rows and has one left over. So he tries again.

He plants cloves in four rows and has one left over. So he tries again.

He plants cloves in five rows and has one left over. So he tries again.

He plants cloves in six rows and still has one left over.

We know that he has fewer than 100 garlic cloves. How many did he have?

How do you know?

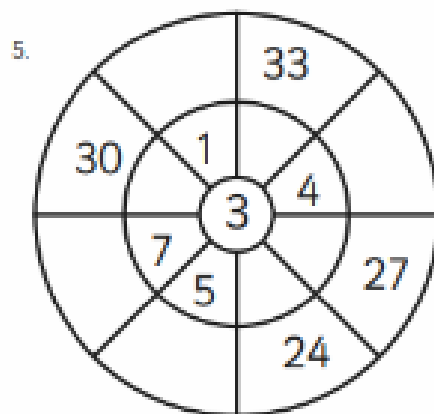
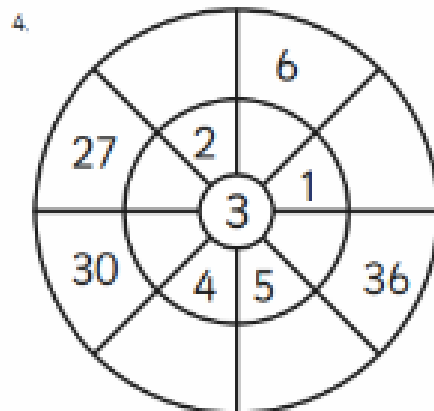
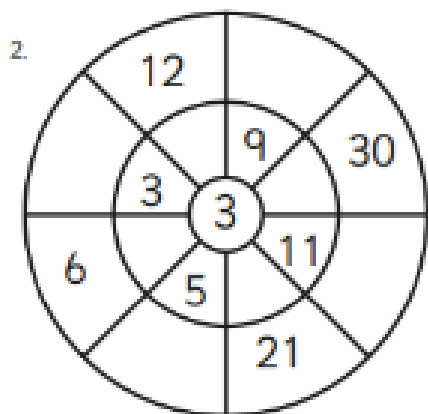
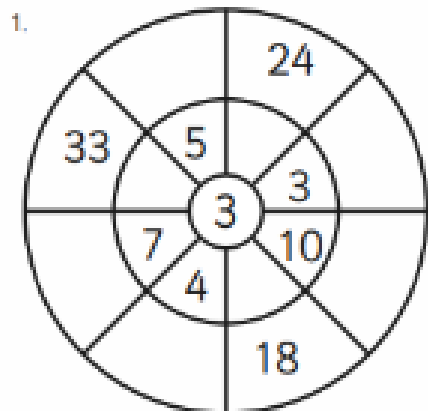
How many cloves might he have had if there were more than 100?

Spellings

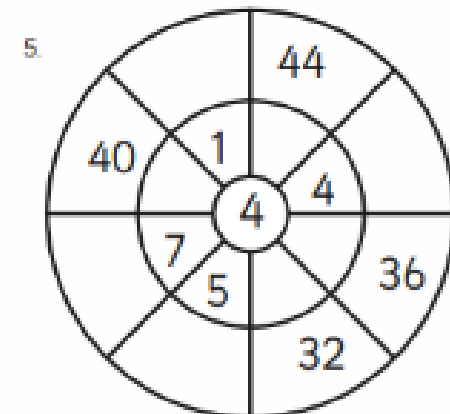
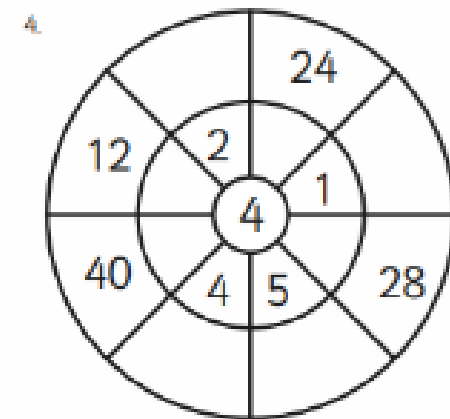
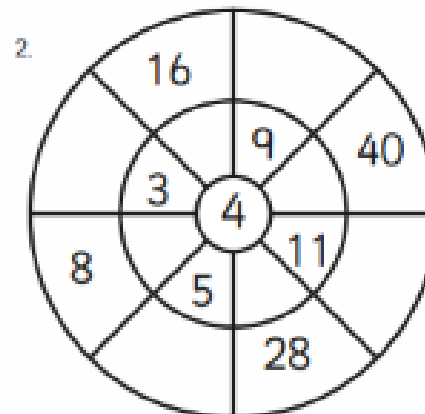
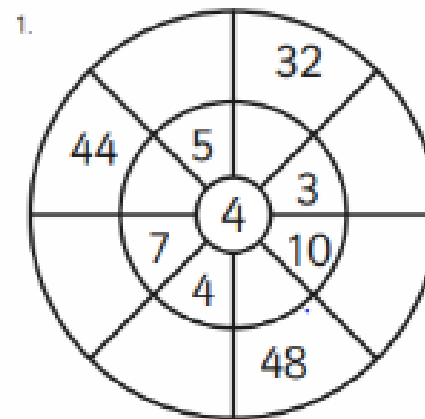
This is the Year 3 and 4 spelling list. It would be really helpful if you could practise them with your children to help them remember. The spelling rules have already been taught.

accident	calendar	eight	guide	mention	possession	straight
accidentally	caught	eighth	heard	minute	possible	strange
actual	centre	enough	heart	natural	potatoes	strength
actually	century	exercise	height	naughty	pressure	suppose
address	certain	experience	history	notice	probably	surprise
although	circle	experiment	imagine	occasion	promise	therefore
answer	complete	extreme	increase	occasionally	purpose	though
appear	consider	famous	important	often	quarter	thought
arrive	continue	favourite	interest	opposite	question	through
believe	decide	February	island	ordinary	recent	various
bicycle	describe	forward	knowledge	particular	regular	weight
breath	different	forwards	learn	peculiar	reign	woman
breathe	difficult	fruit	length	perhaps	remember	women
build	disappear	grammar	library	popular	sentence	
busy	early	group	material	position	separate	
business	earth	guard	medicine	possess	special	

3 Times Table Multiplication Wheels



4 Times Table Multiplication Wheels



True Friendship Jam

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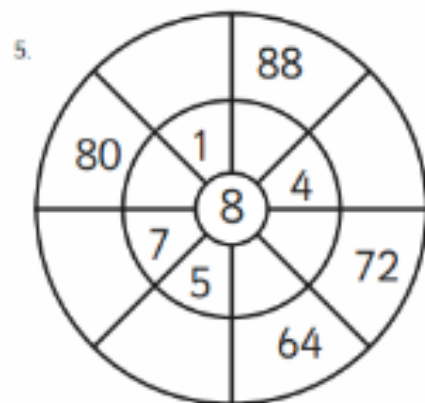
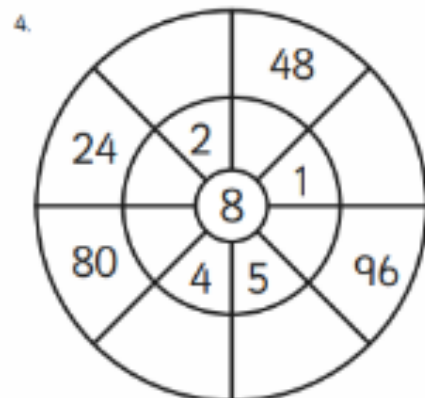
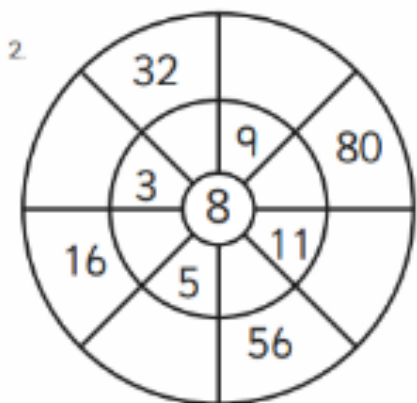
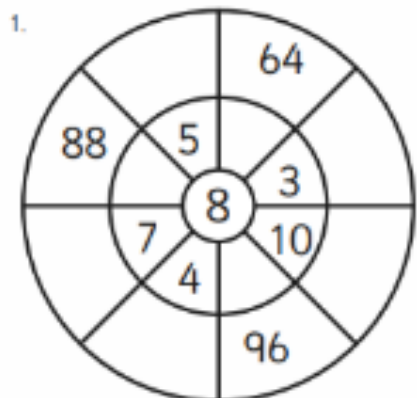
Decorate, color
and write the label
of what true friendship jam
includes.



Sample:

True Friendship Jam	
per 175 g	Nutritional Facts
Loyalty	5%
Courage	3%
Determination	4%
Sugar	7%
Responsibility	3%
Vitamine A	6%
Vitamine C	4%
Patience	8%
Kindness	4%
Compassion	3%
Proteins	1%
Love	6%
Self-discipline	13%
Respect	4%
Carbohydrates	0%
Vitamine D	6%
Vitamine E	4%
Trust	3%
Calcium	9%

8 Times Table Multiplication Wheels



Ultimate Times Tables Missing Numbers Challenge

Name: _____ Number Correct: _____

Date: _____ Previous Score: _____

$2 \times \underline{\quad} = 8$	$40 = \underline{\quad} \times 10$	$12 \times \underline{\quad} = 144$	$11 \times 7 = \underline{\quad}$	$\underline{\quad} \times 3 = 21$	$48 = 12 \times \underline{\quad}$
$\underline{\quad} \times 1 = 3$	$\underline{\quad} \times 4 = 24$	$\underline{\quad} \times 5 = 30$	$35 = \underline{\quad} \times 5$	$8 \times \underline{\quad} = 72$	$8 \times \underline{\quad} = 24$
$\underline{\quad} = 5 \times 2$	$3 \times \underline{\quad} = 21$	$4 \times \underline{\quad} = 44$	$\underline{\quad} \times 8 = 40$	$5 \times 4 = \underline{\quad}$	$120 = \underline{\quad} \times 10$
$4 \times \underline{\quad} = 16$	$8 \times 11 = \underline{\quad}$	$48 = 6 \times \underline{\quad}$	$9 \times \underline{\quad} = 36$	$11 \times \underline{\quad} = 121$	$\underline{\quad} \times 4 = 16$
$10 \times \underline{\quad} = 60$	$7 \times \underline{\quad} = 35$	$9 \times \underline{\quad} = 90$	$1 \times \underline{\quad} = 8$	$18 = 3 \times \underline{\quad}$	$9 \times \underline{\quad} = 18$
$\underline{\quad} \times 4 = 8$	$\underline{\quad} \times 9 = 18$	$\underline{\quad} \times 6 = 12$	$12 \times 6 = \underline{\quad}$	$\underline{\quad} \times 6 = 48$	$30 = \underline{\quad} \times 5$
$16 = 8 \times \underline{\quad}$	$8 \times \underline{\quad} = 80$	$7 \times 7 = \underline{\quad}$	$\underline{\quad} \times 9 = 63$	$\underline{\quad} \times 9 = 27$	$9 \times \underline{\quad} = 36$
$5 \times 3 = \underline{\quad}$	$\underline{\quad} \times 2 = 12$	$\underline{\quad} \times 1 = 8$	$\underline{\quad} \times 10 = 30$	$24 = 4 \times \underline{\quad}$	$2 \times \underline{\quad} = 14$
$\underline{\quad} \times 3 = 30$	$20 = \underline{\quad} \times 5$	$\underline{\quad} \times 9 = 81$	$9 \times \underline{\quad} = 54$	$\underline{\quad} \times 7 = 49$	$8 \times 5 = \underline{\quad}$
$\underline{\quad} \times 1 = 12$	$12 \times \underline{\quad} = 72$	$36 = 12 \times \underline{\quad}$	$\underline{\quad} \times 4 = 12$	$12 \times \underline{\quad} = 144$	$3 \times \underline{\quad} = 12$
$3 \times \underline{\quad} = 18$	$\underline{\quad} = 3 \times 3$	$10 \times 12 = \underline{\quad}$	$8 \times \underline{\quad} = 64$	$6 \times \underline{\quad} = 18$	$\underline{\quad} \times 6 = 36$
$\underline{\quad} \times 4 = 44$	$8 \times \underline{\quad} = 32$	$8 \times \underline{\quad} = 56$	$\underline{\quad} = 2 \times 7$	$8 \times \underline{\quad} = 56$	$\underline{\quad} \times 9 = 99$
$7 \times \underline{\quad} = 14$	$\underline{\quad} \times 4 = 16$	$\underline{\quad} \times 10 = 30$	$12 \times \underline{\quad} = 132$	$4 \times 10 = \underline{\quad}$	$28 = 4 \times \underline{\quad}$

Book Review

My book cover

Book title: _____

Author: _____

Illustrator: _____

Genre (tick as many as apply to your book):

- | | | |
|-----------------------------------|----------------------------------|------------------------------------|
| ☐ fiction | ☐ scary | ☐ animal story |
| ☐ non fiction | ☐ fairy tale | ☐ biography |
| ☐ fantasy | ☐ adventure | ☐ historical |
| ☐ humour | ☐ sports | ☐ mystery |
| ☐ other _____ | | |

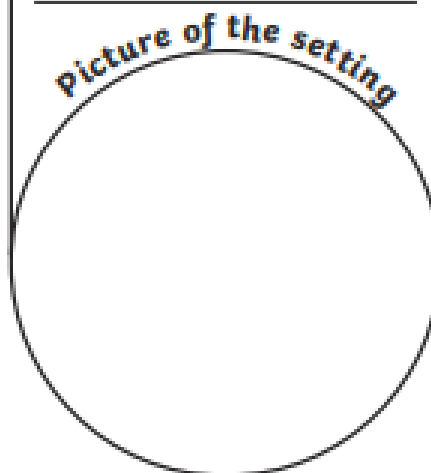
Plot

Event 1

Event 2

Event 3

Setting



Character

Name

Personality

Physical Appearance

How I feel about this character and why _____

Cause and Effect of one of the events in the book.

Cause

Effect

My Star Rating



Why I rated the book ____ stars

1. Science – States of Matter crossword

Use your knowledge of states of matter and changing state to complete this crossword.

Across

- 2. In a liquid, the _____ are quite close together but move over and around each other.
- 4. When wet clothes dry on a washing line, the water from the clothes is _____.
- 5. When a gas cools, it _____ and changes into a liquid.
- 6. The particles in a solid are very close together and _____ on the spot.
- 7. Evaporation is the process of a _____ changing to a gas.
- 8. The freezing point of _____ is zero degrees Celsius.
- 9. Water _____ at one hundred degrees Celsius.

Down

- 1. The particles in a _____ are far apart and move quickly to spread out in the space they are in.
- 2. Rain, snow, sleet and hail are examples of _____.
- 3. The four stages of the water _____ are evaporation, condensation, precipitation and collection.
- 5. When water vapour rises from oceans, lakes and rivers, it cools and condenses to form _____.
- 6. When a solid changes to a liquid, it has _____.

Use these words
to help you:

melted	boil
condenses	clouds
cycle	evaporated
move	precipitation
particles	gas
water	liquid

1

2

3

4

5

6

7

8

9



PE Circuit Recording Sheet

Exercises	First Attempt	Second Attempt	Third Attempt
Plank Did you do the plank for the full minute? Yes or no?			
Burpees How many in 1 minute?			
Sit Ups How many in 1 minute?			
Shuttle Runs How many in 1 minute?			
Squats How many in 1 minute?			
Star Jumps How many in 1 minute?			
Lunges How many in 1 minute?			
Press Ups How many in 1 minute?			
Wall Throws How many in 1 minute?			
Side Reaches How many in 1 minute?			
Tricep Dips How many in 1 minute?			
Seal Raises How many in 1 minute?			



Year 4 English Grammar and Punctuation Test 1

total marks

1. Which sentence uses a **possessive apostrophe** accurately? Tick one.

Taylor's dog's are very noisy.

☐

Taylor's dogs are very noisy.

☐

1 mark

2. **Underline the fronted adverbial** in the sentence below.

Cautiously, she slowly pushed open the door. •

1 mark

3. **Underline** all the **direct speech** in the sentence below.

“Shhh,” whispered Dad. “We are trying to listen.”

1 mark

4. Read this sentence. Which **possessive pronoun** would fill the space? **Tick one.**

“This treasure map is mine and not !” shouted Roger aggressively.

yours

☐

ours

☐

its

☐

1 mark

5. The passage below has an error in it. **Underline** the error and **write the correction** in the box.

1 mark

There are no seats anywhere. We should of come earlier.



6. Read the sentences below. **Add a comma** after each fronted adverbial.

1 mark

After a long and often chilly spring we are finally experiencing some warm weather.

According to local weather forecaster Sunni Shine the good weather could be with us for weeks.

Speaking to us from the weather centre Sunni urged everyone to remember the importance of applying sunscreen when going outdoors.

9. Which sentence uses Standard English? **Tick one.**

1 mark

We was all really excited about our holiday.

☐

We is all really excited about our holiday.

☐

We are all really excited about our holiday.

☐

10. **Underline** the expanded **noun phrase** in the sentence below.

1 mark

I sat next to the friendly lady with brown curly hair.

Year 3 and 4 Statutory Spellings

height

history

imagine

increase

important

interest

island

knowledge

learn

length

Year 3 and 4 Statutory Spellings

library

material

medicine

mention

minute

natural

naughty

notice

occasion

occasionally

Year 3 and 4 Statutory Spellings

often

opposite

ordinary

particular

peculiar

perhaps

popular

position

possess

possession

Oobleck Experiment – A Non-Newtonian Fluid

What you need:

- 1 cup of cornstarch
 - $\frac{1}{2}$ cup of water (add slowly)
 - A bowl and spoon
 - Food coloring (optional, for fun)
 - Newspaper or tray (to keep the area clean)
-

Steps:

1. Place the cornstarch in the bowl.
2. Slowly add water a little at a time, mixing with your hands or a spoon.
3. Stop adding water once the mixture feels thick and tricky to stir.
 - If it's too runny, add a little more cornstarch.
 - If it's too dry, add a little more water.
4. Now **test your Oobleck**:
 - Try to punch it quickly—does it feel hard?
 - Let it rest in your hand—does it ooze like a liquid?
 - Pick some up and squeeze it—what happens when you stop squeezing?

Homework Task:

- Write down at least **two times it feels like a solid** and **two times it feels like a liquid**.

Learning Point:

Oobleck is a **non-Newtonian fluid**. That means it doesn't act only like a solid or a liquid—it can act like both, depending on how much force you use.



Solve the following addition calculations:

1.

$$\begin{array}{r} 4 \ 6 \ 7 \ 2 \\ + \ 1 \ 9 \ 9 \ 6 \\ \hline \\ \hline \end{array}$$

2.

$$\begin{array}{r} 4 \ 6 \ 9 \ 7 \\ + \ 1 \ 3 \ 9 \ 4 \\ \hline \\ \hline \end{array}$$

3.

$$\begin{array}{r} 2 \ 5 \ 8 \ 9 \\ + \ 7 \ 4 \ 5 \ 8 \\ \hline \\ \hline \end{array}$$

4.

$$\begin{array}{r} 4 \ 5 \ 8 \ 8 \\ + \ 3 \ 6 \ 2 \ 5 \\ \hline \\ \hline \end{array}$$

5.

$$\begin{array}{r} 9 \ 4 \ 6 \ 2 \\ + \ 8 \ 7 \ 6 \ 4 \\ \hline \\ \hline \end{array}$$

6.

$$\begin{array}{r} 7 \ 4 \ 1 \ 4 \\ + \ 5 \ 2 \ 4 \ 8 \\ \hline \\ \hline \end{array}$$

Solve the following subtraction calculations:

1.

$$\begin{array}{r} 8 \ 4 \ 0 \ 8 \\ - \ 2 \ 7 \ 8 \ 4 \\ \hline \\ \hline \end{array}$$

2.

$$\begin{array}{r} 4 \ 2 \ 5 \ 8 \\ - \ 3 \ 6 \ 8 \ 4 \\ \hline \\ \hline \end{array}$$

3.

$$\begin{array}{r} 7 \ 5 \ 1 \ 8 \\ - \ 4 \ 2 \ 5 \ 3 \\ \hline \\ \hline \end{array}$$

4.

$$\begin{array}{r} 6 \ 5 \ 2 \ 8 \\ - \ 4 \ 2 \ 9 \ 7 \\ \hline \\ \hline \end{array}$$

5.

$$\begin{array}{r} 7 \ 5 \ 4 \ 8 \\ - \ 6 \ 7 \ 5 \ 2 \\ \hline \\ \hline \end{array}$$

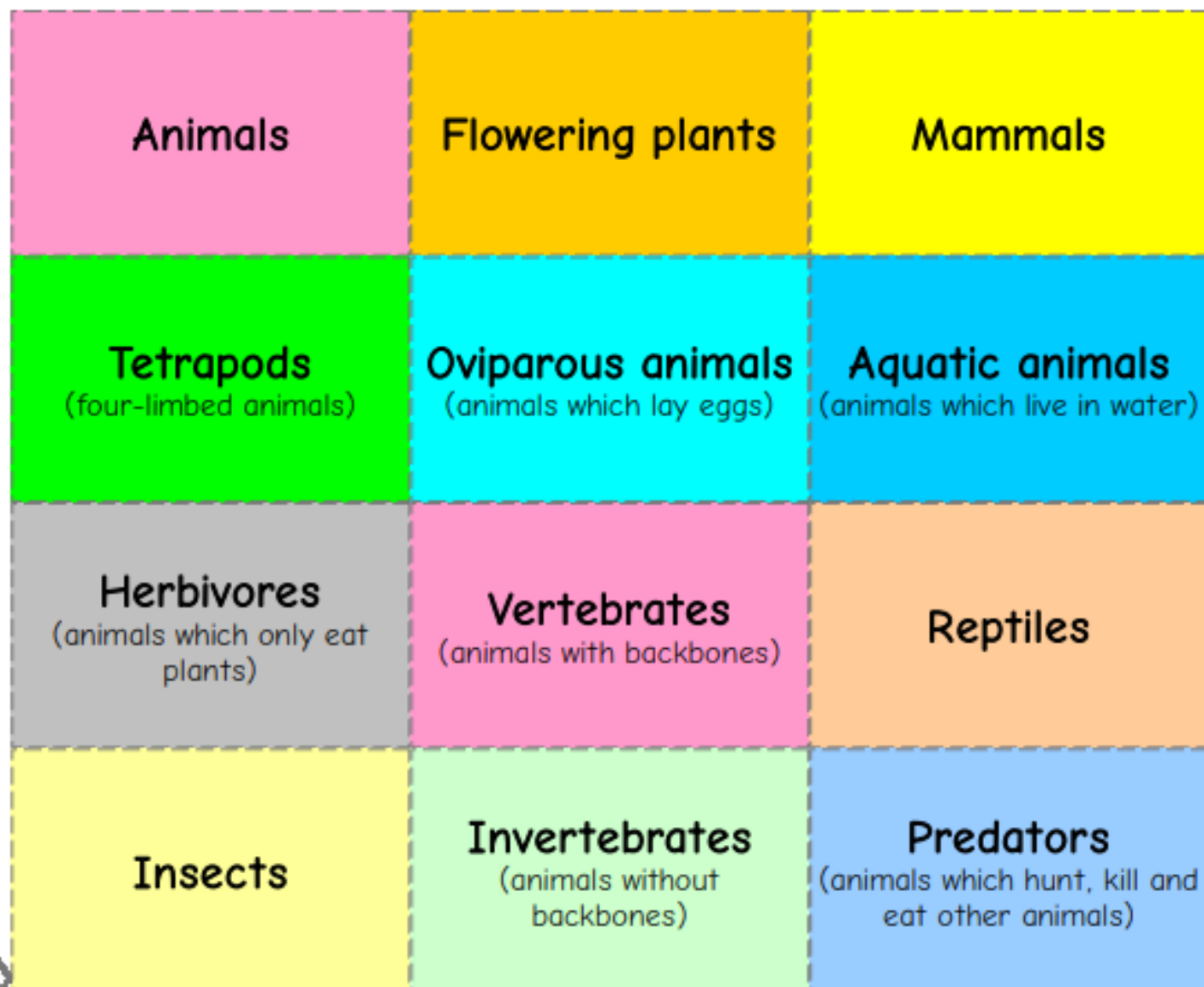
6.

$$\begin{array}{r} 9 \ 2 \ 8 \ 7 \\ - \ 6 \ 5 \ 8 \ 9 \\ \hline \\ \hline \end{array}$$

Activity - Grouping organisms

This is an activity for two children.

Carefully cut out the pictures of organisms and the challenge cards. There are some blank cards to add your own organisms. Choose a challenge card and challenge your partner to sort the organisms according to the description. Were they right? Now let your partner challenge you. When you have used all of the challenge cards, choose your favourite one and use it to complete the Venn diagram by adding the names.



Animals	Flowering plants	Mammals
Tetrapods (four-limbed animals)	Oviparous animals (animals which lay eggs)	Aquatic animals (animals which live in water)
Herbivores (animals which only eat plants)	Vertebrates (animals with backbones)	Reptiles
Insects	Invertebrates (animals without backbones)	Predators (animals which hunt, kill and eat other animals)



Ant



Dolphin



Shark



Bear



Apple



Bee



Apple tree



Beaver



Squirrel



Rabbit



Polar bear



Rose



Turtle



Snake



Slug



Iguana



Tiger



Buttercup



Beetle



Zebra



Crocodile



Fern



Lionfish



Fir tree

