

YEAR 6 HOMEWORK

Due: 24.04.24

Spelling

Apply the rule 'i before e except after c' to learn these spellings.

deceive	conceive	receive	conceit
perceive	ceiling	receipt	deceit

SPAG

Section 1

Can you write a passive sentence about the picture?



Section 3

Read the sentence below and underline the two words that are synonyms of each other:

Sprinting for his life, Gary was running away from a rampaging bull.

Section 5

Add a suffix to the word 'excite' to create a noun:

Section 2

Look at the choices of words within the brackets. Circle the correct word to fit the sentence:

The school council (disgust/ discussed) their ideas for the new playground equipment.

Not being a lover of vegetables, Aaron looked at the sprouts on his plate with (disgust/ discussed).

Section 4

Mr Whoops has accidentally jumbled up two adjectives that he used to describe his latest clumsy accident. Can you help him to unjumble them?

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Section 6

Add a semicolon to mark the end of the independent clause, then add another related clause to the sentence.

The train rushed past the station platform _____



Maths:

Learn this shape vocabulary

Shape vocabulary

Perimeter = measure around the edge

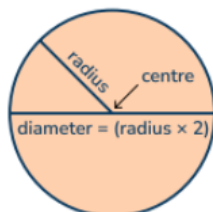
Circumference = perimeter of a circle

horizontal line

parallel lines

vertical line

perpendicular lines
(at right angles)



1) The radius of a circle is 14cm.

What is the **diameter**?

Practise finding the mean

The mean

The mean is a type of average. To find the mean, add up all the numbers and divide by how many there are. E.g. the mean of 4, 5, 3, 4 is 4, because $4 + 5 + 3 + 4 = 16$, and $16 \div 4 = 4$

1) Sarah measures the height of her siblings:

John - 124cm

Gretal - 146cm

Hansel - 150cm

What is the **mean** height of her siblings?

Complete these mixed reasoning questions

<p>1) Here is part of a recipe for 6 Yorkshire puddings.</p> <div style="border: 1px solid green; padding: 5px; margin: 10px 0;"> <p>192g of plain flour 3 eggs 282ml of milk</p> </div> <p>A. Calculate the quantities needed for 1 person.</p> <p>B. Calculate the quantities needed for 8 people.</p>	<p>2) The population of a country is 7,350,361.</p> <p>If it increases by 800,000 over the next 5 years, what will be the population in 5 years?</p>	<p>3) Pippa had some money. She spent of it on a new pencil case. She then spent of what she had left on a new set of pens. Her pens cost her £18.</p> <p>How much money did Pippa have to start with?</p>
<p>4) During a sale, prices were reduced by 20%. Before the sale, the phone cost £165.</p> <p>How much does the phone cost during the sale?</p>	<p>5) The population of the UK is 65.215 million. The population of USA is 5 times this size. What is the population of the USA? Round your answer to 2 decimal places.</p>	<p>6) Which number lies exactly halfway between 21,033 and 21,039?</p>

Arithmetic:

a. $997 + 10 =$	b. $___ = 607 + 598$	c. $48,986 + 4,209 =$	d. $8.4 + 0.3 =$
e. $39 + 621 =$	f. $3,735 + 100 =$	g. $69,997 - ___ = 5,601$	h. $6.2 + 1.7$
i. $26.8 + 1.002 =$	j. $1,023 - 100 =$	k. $1,000 \times 50.4 =$	l. 2.56×7
m. $23 \times 5.4 =$	n. $952 \div 8 =$	o. $582 \div 100$	p. $6 + 3 \times 8 =$
q. $\frac{7}{8} + 2\frac{5}{16} =$	r. $1\frac{1}{5} - \frac{1}{2} =$	s. $1\frac{3}{8} \times 4 =$	t. $\frac{7}{9}$ of 360 =
u. $\frac{6}{11} \div 3 =$	v. 30% of 2,400 =	w. $3\frac{1}{4} - 1\frac{2}{3} =$	x. 0.5×86
y. 1.5×36	z. 98% of 420		



Reading for pleasure

Continue reading a book of your choice at home for at least 30 minutes a day and record your reading in your reading record.

Remember reading is a good way to wind down at the end of the day!

After enjoying World Book Day, could you make up your own character that you would want to be a main character in your own book? Write a character description, could you also draw your character?

Reading comprehension- text

Are you getting your 5 a day?

You have probably heard that you should eat five portions of fruit and vegetables a day. Perhaps you have seen "One of your five a day" on packs of fruit, vegetables or juice? But do you know how important fruit and vegetables are for your health?

Firstly, fruit and vegetables are an excellent source of vitamins and minerals. Why is that important? Because your body needs these things to keep you healthy, that's why! For example, Vitamin C is found in many fruit and vegetables, including citrus fruits, broccoli and peppers. This vitamin is important for the health of your skin, bones and blood vessels. If you eat a variety of fruit and vegetables, you will get plenty of vitamins and minerals.

Secondly, scientists have proved that eating fruit and vegetables can help to keep you healthy in a variety of ways. It will reduce your risk of developing some diseases (such as heart disease) in later life. A diet rich in fruit and vegetables has been shown to make it easier to concentrate. So you could improve your school work, just by making sure you eat a healthy diet!

Thirdly, because most fruit and vegetables are naturally low in fat and calories, eating them can help you to stay at a healthy weight. Take care not to cook them in a lot of fat as this adds calories. There are plenty of interesting ways to cook vegetables. You could try steaming them. This helps to retain lots of wonderful flavours as well as those important vitamins and minerals!

So there is really no excuse for not eating your five a day. Maybe you think you don't like them? There is a huge range of fruits and vegetables at your local supermarket, why not try something new? Fresh, frozen, canned, dried or juiced fruit and vegetables all count towards your five a day, so experiment to see what you like best. You could even try growing some for yourself. You are sure to find something delicious!



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Reading Comprehension- Questions

Do you eat your 5 a day?

1. The title of this text is *Do you eat your 5 a day?*
What kind of sentence is this? Circle the answer:

statement question exclamation command
2. How many portions of fruit and vegetables should you eat each day?
3. What are fruit and vegetables a good source of?
Tick the correct answer:
☐ Fat and calories
☐ Vitamins and minerals
4. According to the text, which three parts of the body can Vitamin C keep healthy?
5. How can fruit and vegetables help you do better at school?
6. Complete the missing word from this sentence, using the information in the text:

There are plenty of _____ ways to cook vegetables.
7. Why shouldn't you cook vegetables in a lot of fat?
8. What does the article suggest as a good way of cooking vegetables? Circle the answer:

frying grilling steaming
9. What type of text is this? Tick the correct answer:
☐ Diary
☐ Persuasive article
☐ Instruction text
☐ Newspaper report
10. What are your favourite kinds of fruit and vegetable?

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Are you getting your 5 a day?

1. The title of this text is *Are you getting your 5 a day?* What kind of punctuation can be found in the title? Tick the answer:
☐ comma
☐ exclamation mark
☐ question mark
2. According to the article, does juice count as 'one of your five a day'?
3. Where can you find Vitamin C? Give three examples from the text.
4. Can you write a definition for the word *variety*?
5. How does the article suggest that fruit and vegetables can help you to do better at school?
6. True or False: Fruit and vegetables are naturally high in fat and calories.
7. Why shouldn't you cook vegetables in a lot of fat?
8. Give two reasons why steaming is a good way to cook vegetables:
9. Why has this article been written?
☐ To persuade people to eat more fruit and vegetables.
☐ To teach people how to cook.
☐ To explain where fruit and vegetables come from.
10. Suggest three synonyms for 'delicious'?

Are you getting your 5 a day?

1. 'Fruit and vegetables are an excellent source of vitamins and minerals.' In this sentence, what kind of word is *excellent*?

noun adjective verb adverb
2. Why does the text suggest that people don't need to buy expensive vitamin supplements?
3. The word *rich* in the third paragraph is not used to mean having lots of money. What does it mean in this context?
4. Why does the article include questions for the reader?
5. Give two reasons why steaming is a good way to cook vegetables:
6. Why does the author state that there 'is really no excuse for not eating your five a day'?
7. List three ways that eating fruit and vegetables can help you:
8. Write sub-headings for the second, third and fourth paragraphs in the text.

