

PHAT Year 3 Home Learning



Times Tables - TT Rockstars

Like last week, spend 10 minutes a day working through your TT Rockstars app. If you have trouble accessing the app, or you would like to do more times tables practise, below is a multiplication activity for you to complete.

Word Search 4 Times table

Answer the calculations below and find the answers in the word search:

$4 \times 3 =$

$4 \times 4 =$

$4 \times 11 =$

$4 \times 8 =$

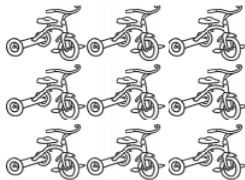
$4 \times 10 =$

$4 \times 2 =$

f	t	h	i	r	t	y	t	w	o
t	o	h	f	o	r	t	y	w	o
w	t	r	s	i	x	e	e	t	e
e	w	r	t	e	s	e	s	h	i
l	s	e	l	y	n	l	h	i	g
v	k	i	e	t	f	e	e	r	h
e	a	e	y	e	a	o	t	t	t
f	o	r	t	e	o	o	u	y	e
o	n	n	e	e	t	h	g	r	e
s	i	x	t	e	e	n	b	n	n

Challenge:

1. How many wheels would 9 tricycles have?



2. 24 people travel to an airport in taxis. 4 people travel in each taxi. How many taxis are used?



3. Hanan is a keen archer. One day she shoots 5 arrows. Each arrow scores an 8. What is her total score?



Arithmetic

Below are a selection of arithmetic problems to solve. Select one question from each line to answer using the methods you have learnt in class.

Remember to challenge yourself.

$935 - 61 =$	$8255 - 415 =$	<input type="text"/> $= 703 - 200$
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<input type="text"/> $= 33 \div 3$	<input type="text"/> $= 27 \div 9$	<input type="text"/> $= 64 \div 8$
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$6 \times 8 =$	$10 \times 10 =$	$7 \times 2 =$
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$660 + 16 + 4 =$	$8 + 506 + 22 =$	$88 + 800 + 8 =$
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$\frac{1}{10}$ of 20 =	$\frac{1}{4}$ of 24 =	$\frac{3}{4}$ of 40 =
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$55 \times 5 =$	$39 \times 8 =$	$48 \times 4 =$
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$\frac{3}{7} + \frac{2}{7} =$	$\frac{4}{5} + \frac{1}{5} =$	$\frac{18}{20} - \frac{9}{20} =$
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$9000 + \text{} + 50 = 9750$	$700 + \text{} + 5 = 715$	$700 + \text{} + 9000 = 9700$
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Maths - Arithmetic

Reveal a great fundraising idea by using the key to correctly colour each part of the hidden picture.

Skin colour of your choice:	136	
Hair colour of your choice:	137	
Blue:	138	
Yellow:	139	
Red:	140	
White:	141	
Light Green:	142	
Dark Green:	143	

Maths - Reasoning

Q1.

Write these numbers in order of size, starting with the smallest.

901	1091	910	109	190
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

smallest

1 mark

Q2.

Look at these digits.

5 0 8 2

Make the **largest number possible** with the digits.

Write your number in **words**.

1 mark

Q3.

Look at these digits.

<input type="text" value="3"/>	<input type="text" value="5"/>	<input type="text" value="8"/>	<input type="text" value="7"/>
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Use the digits to make the largest possible **even** number.

Use each digit once.

1 mark

Q4.

What number is 1,000 **less** than 9,072?

1 mark

Q5.

Complete this table with the missing numbers.

One row has been done for you.

Number	1,000 more
3,500	4,500
85	
	9,099
	15,250

2 marks

Q6.

Circle the number which is **closer to 1000**

996 1006

Year 3 Spelling

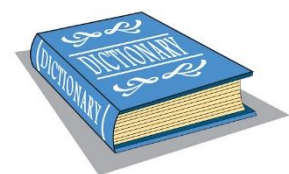
The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. The three little pigs began to bild their houses.
2. I can't disside whether to have the pepperoni or ham pizza.
3. My brother thought it was too erlie to get up for school.
4. "Get into a groop of four," said my teacher.
5. Dad rode his bisikle to work.
6. The letter did not have the right adres on it.
7. Jane lives in the house oposit Harry.
8. Ben thort it was time to go to bed.

Each sentence below has one word that is incorrect. Write the correct spelling of the word in the box.

1. Lily's birthday is in Februry.
2. The doctor gave the girl some medisin to make her feel better.
3. The class really enjoyed the science expirimint.
4. What hite is Dad compared to Mike?
5. 100 years is the same as a sentuary.
6. That scarf is difrent to that one!
7. Kim went to the librie and got four books out.
8. It's not posibil.

Top Tip: Use a Dictionary (online or book version)



Reading Comprehension – Year 3

Usain Bolt

Biography

So, how do you become the best sprinter of all time?

Usain St. Leo Bolt once said, 'When I was young, I didn't really think about anything other than sports.' Whilst at secondary school, Usain focused on sprinting, which led him to win his first High School Championships medal. Since then he has set new world records, overcome injuries, won many medals, become a hero in his home country of Jamaica and he hasn't even finished yet!



Usain was born on 21st August 1986, in Jamaica. As a child, he really enjoyed playing football and cricket.

Bolt took part in his first race whilst at primary school, however, at that time he preferred playing cricket. In an interview, he once said that if he hadn't become a sprinter, he would have loved to be a fast bowler like his cricketing hero, Waqar Younis.

At high school, Usain focused on sprinting and won his first silver medal in the 2001 High School Championships. His talent caught the eye of former Jamaican Olympic sprinter Pablo McNeil, who went on to become his coach. Pablo would sometimes get frustrated with Bolt as he didn't always take his training seriously and liked playing practical jokes.

The 2001 World Youth Championships was Usain's first appearance on the world stage. He didn't win any medals but he did set a new personal best in the 200m race. The World Junior Championships came next and it was here that Bolt became the youngest World Junior gold medallist.

Olympic Games	Event	Medals
2008 Beijing	100m, 200m, relay	Gold
2012 London	100m, 200m, relay	Gold

*Continues on next page.

Usain Bolt

In 2004, Usain became the first junior sprinter to run 200m in under 20 seconds. It was then that he turned professional and was given a place on the Jamaican Olympic team. He went to the Olympic Games in Athens in 2004 but a leg injury stopped him from winning any medals.

As the years passed by, Usain took his sport more seriously and began to train harder to win events. At the 2008 Beijing Olympic Games, he broke more world records and won gold in the 100m, 200m and relay events. This was followed by the World Championships in Berlin, where he improved his times even more.

Bolt competed in the 100m, 200m and relay at the London 2012 Olympic Games and won gold in all three events again. After the races, a fellow runner said, 'There's no doubt he's the greatest sprinter of all time.'

Usain continues to be a successful sprinter but plans to retire in 2017. He is nicknamed 'Lightning Bolt'.



Questions about this text are on the following page.

Usain Bolt Comprehension Questions:

Try to answer the questions using full sentences.

1. When and where was Usain born?

2. True or False – Usain didn't win any medals at the 2001 World Youth Championships but he did set a personal best time in the 200m race.

True	False

3. What did Usain become the first junior sprinter to do in 2004?

4. How do you think Bolt felt when he was chosen to represent his country in the Olympic Games?

5. What is his nickname?

6. How many gold medals did Usain win in the 2008 and 2012 Olympic Games?

7. How do you think Usain feels about competing in the 2016 Olympic Games in Rio?

If you would like to do some more reading, online resources are available here (eBooks):

<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/>



Science – Year 3

Incredible Inventions

Harley needs a new waterproof coat. Can you test materials to choose the most suitable one for his coat?

Material	Waterproof or not?

Which material would be most suitable for Harley's waterproof coat?

Why have you chosen this?
Think about its properties.

Draw Harley's new raincoat here.

Were there any waterproof materials that would not be suitable for Harley's coat? Can you explain why?

Your turn...

Charles Macintosh is a famous scientist who invented the waterproof coat. What would you invent?

Become an inventor and invent a new device or machine that will make children's lives easier!

Think carefully about what you want your invention to do. Will it do your homework at the push of a button?

How about a device that will pack your bag in the morning?

Have fun inventing your new creation!

What is the purpose of your invention? (E.g. to keep people dry)

Draw and label your invention here: