

## Year 5 Learning at Home Session 3

### Maths

We have been learning about fractions and decimals in Maths. Use your knowledge of decimals to solve the following problems using the space below for your working out:




#### Our First Family Adventure

The Jonas family are planning their first ever camper van holiday! James and Dinah have been working hard to get the campervan working. They refurbished the engine, remodeled the interior and designed their own spray paint for the outside. Now it's ready to go and they are planning a family adventure for three. Baby Jemiah is only 6 months old so they will need to be more prepared than most.


James is studying the weather reports to decide when the best time is to travel. Can you advise him?

1. Looking at the charts below, which week in which month is likely to have the least rainfall and highest temperatures?











Temperature in °C

	Week 1	Week 2	Week 3	Week 4
June	12.56	12.65	12.95	13.21
July	13.41	13.5	14.82	15.01
August	15.03	16.01	14.99	16.1

Rainfall in mm

	Week 1	Week 2	Week 3	Week 4
June	15.32	14.09	16.01	12
July	9.05	9.35	12.69	14.02
August	10.03	4.3	8.99	4.03











2. Dinah has found a recommended kit list online, the website links to sites selling the kit. Some of the outdoor kit shops do special deals if you buy through the site. She is struggling to calculate her costs. She has managed to convert the first offer to a decimal number. Convert the rest of the percentages and fractions to decimals to help with her calculations.

	£25 0.5		£50		£48		£5
	£32		£12		£14		£15
	£24						£120

Special offers (yellow stars):

- £25: Half price
- £50: Pay 90%
- £48: 25% off
- £5: 20% off
- £32: pay  $\frac{3}{4}$
- £12: 10% off
- £14: pay 80%
- £15: pay  $\frac{4}{5}$
- £24: 50% off
- £120: 30% off

Use this grid to help you!

fraction → divide numerator by denominator → decimal → multiply by 100 → percentage			
	F	D	P
	$\frac{1}{1}$	1.0	100%
	$\frac{1}{2}$	0.5	50%
	$\frac{1}{3}$	0.3 $\dot{3}$	33. $\dot{3}$ %
	$\frac{2}{3}$	0.6 $\dot{6}$	66. $\dot{6}$ %
	$\frac{1}{4}$	0.25	25%
	$\frac{3}{4}$	0.75	75%
	$\frac{1}{5}$	0.2	20%
	$\frac{4}{5}$	0.8	80%
	$\frac{1}{8}$	0.125	12.5%
	$\frac{7}{8}$	0.875	87.5%



## Diving Deeper

3. James is checking out the camp site fees. He knows their van measures 1.904m wide, 4.98m long and 1.399 high. Which pitches could he consider?

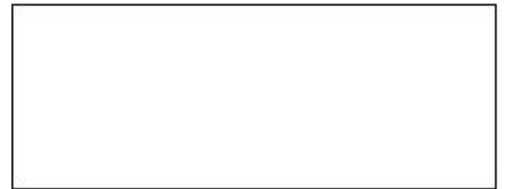
### ORCABER CAMPING

*Pitch sizing*

<u>width x length</u>	<u>price per night</u>
1.599 x 5.2	£ 5
2.4 x 3.653	£ 4.50
2.9 x 4.99	£ 5.95
1.99 x 5.1	£ 4.95
2.859 x 4.982	£ 4.95



Dinah reminds James the awning she has ordered is 4m x 0.954m. Which pitch fits the camper van with the awning attached to the long side?

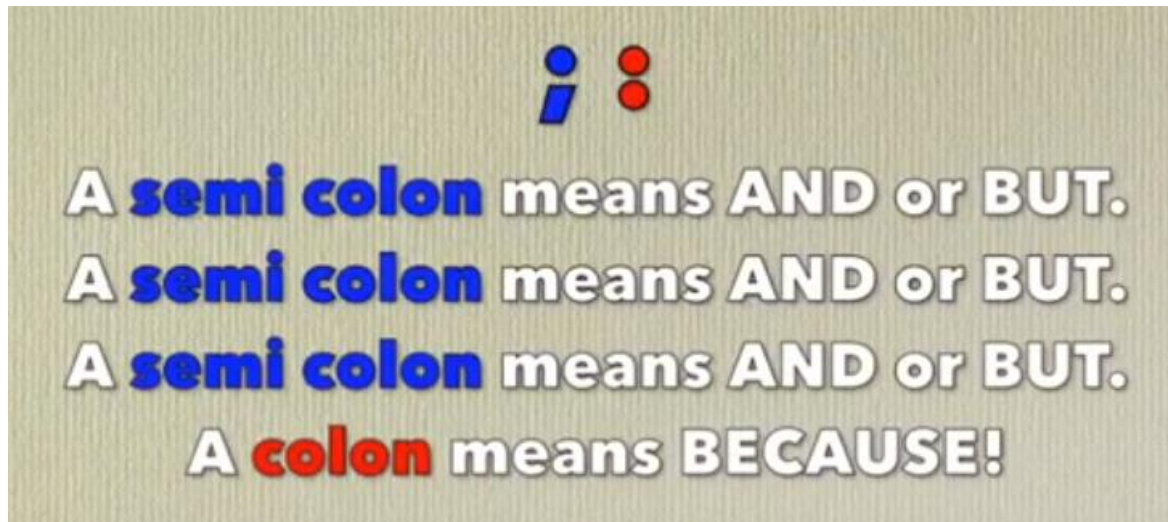


## English

In English we have been learning about semicolons and colons. Use your learning to complete these questions:

Remember we sang the song about semicolons and colons?

<https://www.youtube.com/watch?v=I5FmGE4dApk>



Semi-colons are used to separate two main clauses that are clearly related to each other but could stand on their own as sentences. They can be used to replace a conjunction, e.g.

I have a rugby match next week **and** I really hope we win.

I have a rugby match next week; I really hope we win.

1. Circle the conjunction in each sentence below.

1. I am starving so I can't wait until dinner.
2. Sam was desperately tired and he wanted to go home to bed.
3. It was pouring outside so I needed to bring my umbrella to school today.
4. Fiona went to meet her friend at the airport because she hadn't seen her for ages.
5. My team are at the top of the league so I expect we will win our match today.

2. Choose two of the sentences above and rewrite them by replacing the conjunction with a semi-colon.

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Rewrite these sentences by replacing the conjunctions in these with a semi-colon.

1. I am starving so I can't wait until dinner.

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2. Sam was desperately tired and he wanted to go home to bed.

---

3. It was pouring outside so I needed to bring my umbrella to school today.

---

4. Fiona went to meet her friend at the airport because she hadn't seen her for ages.

---

5. My team are at the top of the league so I expect we will win our match today.

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Write a second related clause after the semi-colon in the sentences below:

6. It was getting very late; \_\_\_\_\_

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7. Holly looked outside and saw that it was snowing; \_\_\_\_\_

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8. Larkin did not like getting up in the mornings; \_\_\_\_\_

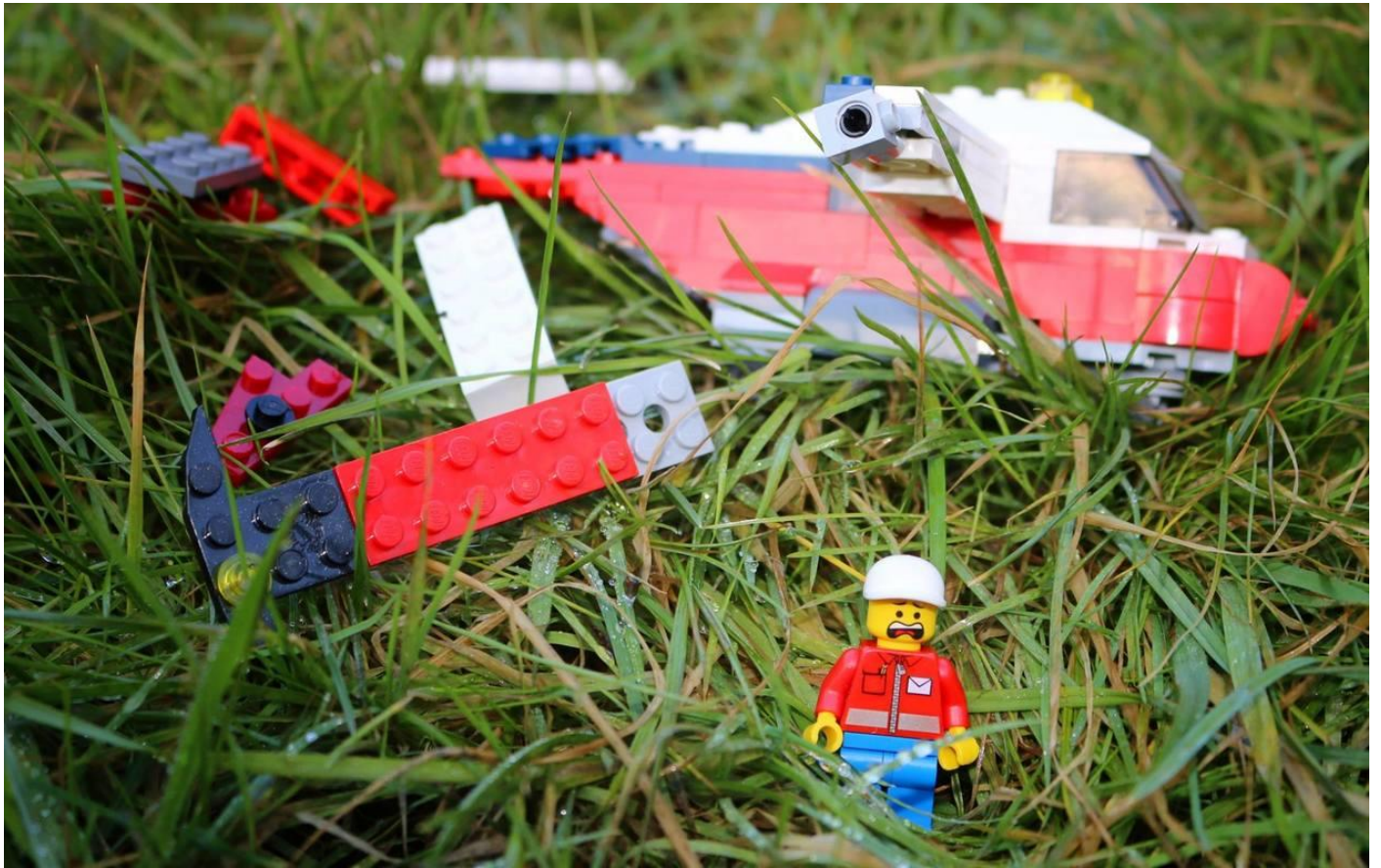
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9. Yan loved dark chocolate; \_\_\_\_\_

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10. The birds were singing sweetly; \_\_\_\_\_

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Write a story based on the image above using the SPaG you have been practicing so far and check it on your checklist.

Subordinate Clauses	
Relative Clauses	
Semicolons	
Colons	

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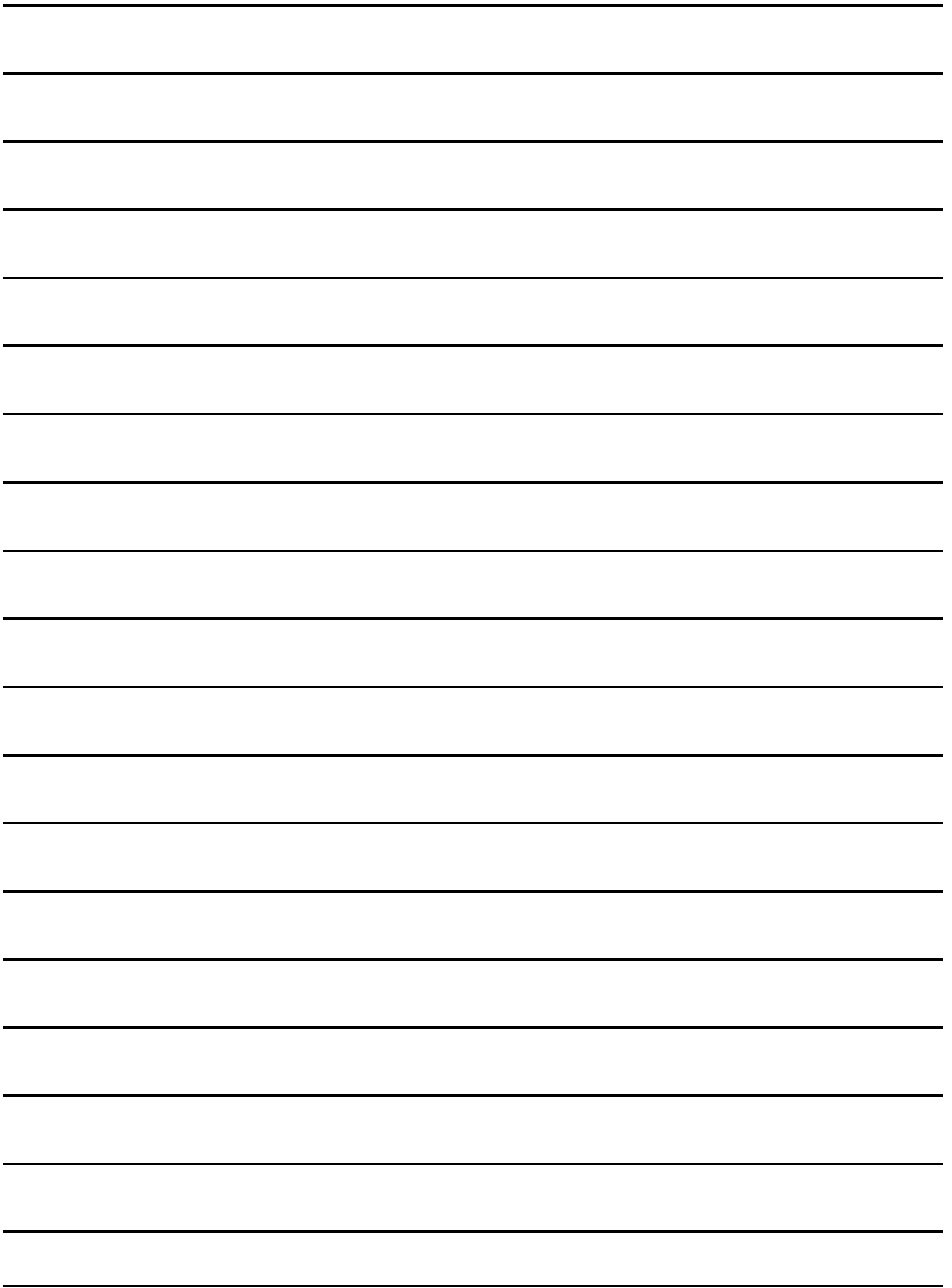
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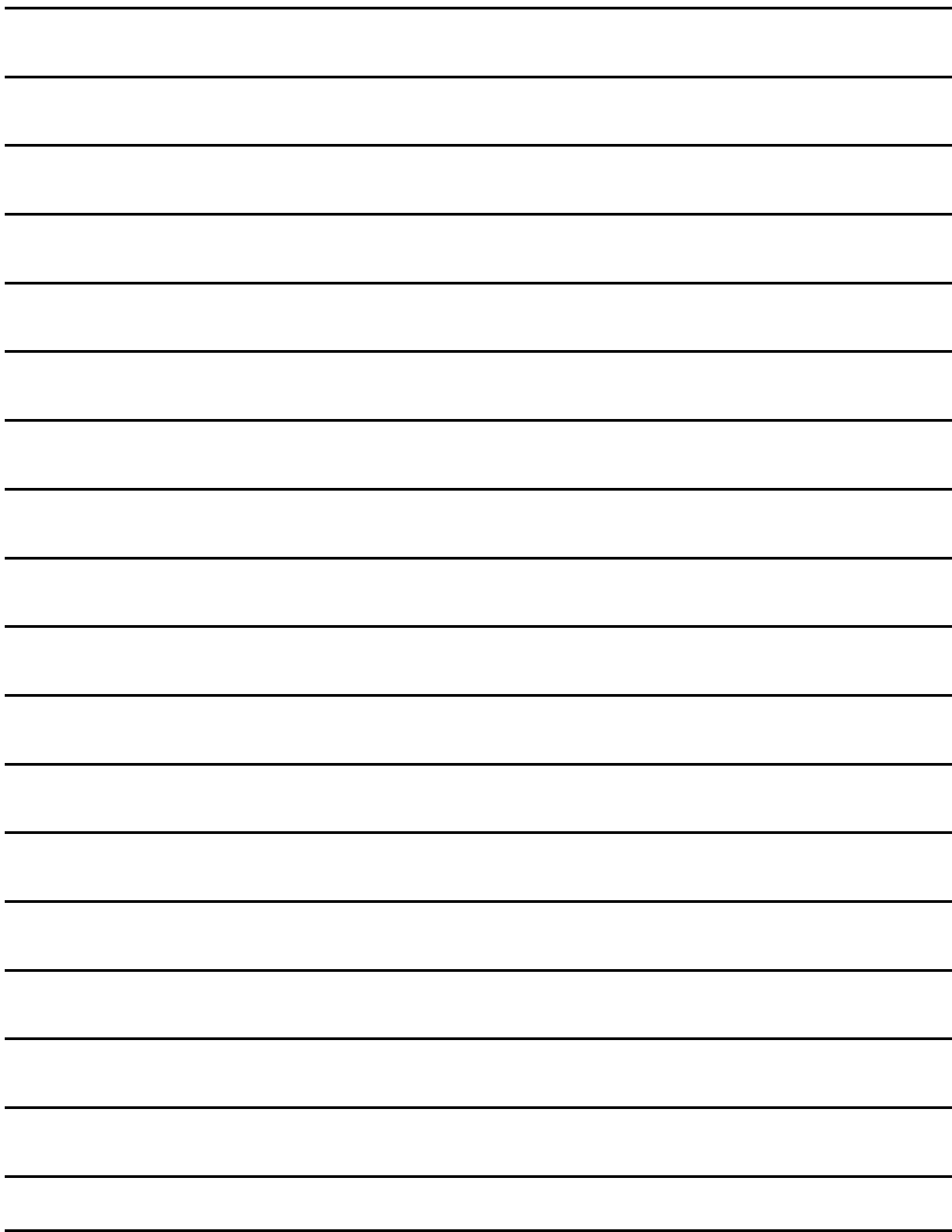
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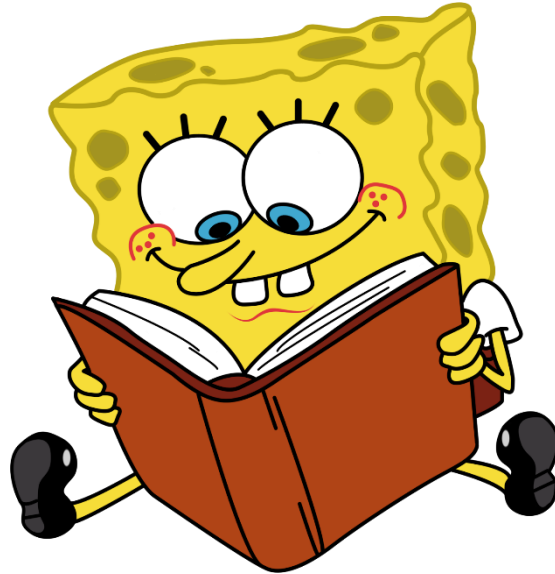
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*Please remember to continue reading your books at home and filling in your diaries.*



*Can you remember a poem that you have said in class?  
Perform your poem to someone in your house:*

#### The Tin Can Band

Oh, the tin can band!  
Oh, the tin can band!  
It's the dinniest band  
In the big bright land.  
It's a sing-song band, it's a bing-bong band.  
It's a miss-a-beat, have-a-treat, skippy-feet-band,  
As we march along with our pots and pans,  
And we bing and bong on our old tin cans.

We're a-singing and a-singing to the binging and the bonging.  
We're escaping and a-slipping out  
On every hand.

And it sounds like a battle  
When our tin cans rattle,  
When our tin cans rattle  
And our tin cans clang.  
Yes, it's sounding like the prattle and the tattle of a battle  
Like a merry monster cannon going  
BANG, BANG, BANG!

Though silence falls when the band's gone by,  
And the street is bare to the hills and sky,  
There's a nitter and a natter,  
And a tiny tinny patter,  
Like a whisper (only crisper)  
Like a tine toy's sigh,  
And a flutter like a mutter,  
Like a sunny sort of stutter,  
Going giggling down the gutter  
Where the funny echoes die.

#### Margaret Mahy

(published in "Exploring Poetry 8 – 13" Brian Merrick)

#### COLONEL FAZACKERLEY

Colonel Fazackerley Butterworth-Toast  
Bought an old castle complete with a ghost,  
But someone or other forgot to declare  
To Colonel Fazak that the spectre was there.

On the very first evening, while waiting to dine,  
The Colonel was taking a fine sherry wine,  
When the ghost, with a furious flash and a flare,  
Shot out of the chimney and shivered, 'Beware!'

Colonel Fazackerley put down his glass  
And said, 'My dear fellow, that's really first class!  
I just can't conceive how you do it at all.  
I imagine you're going to a Fancy Dress Ball?'

At this, the dread ghost made a withering cry.  
Said the Colonel (his monocle firm in his eye),  
'Now just how you do it, I wish I could think.  
Do sit down and tell me, and please have a drink.'

The ghost in his phosphorous cloak gave a roar  
And floated about between ceiling and floor.  
He walked through a wall and returned through a pane  
And backed up the chimney and came down again.

Said the Colonel, 'With laughter I'm feeling quite weak!  
(As trickles of merriment ran down his cheek).  
'My house-warming party I hope you won't spurn.  
You MUST say you'll come and you'll give us a turn!'

#### Charles Causley

## Art

We have been looking at different containers in our art lessons. Find 3 containers all made from different materials and sketch an image of them.



## Keeping Active

Time to get moving! Find a space in your house to get your body moving and heart pumping along with these activities. Each of the activities below should be completed twice for 35 seconds with a 25-second break in between (e.g. 35 seconds of squats, 25-second break, another 35 seconds of squats, 25-second break, 35 seconds of running on the spot etc.):

### Running and Punching

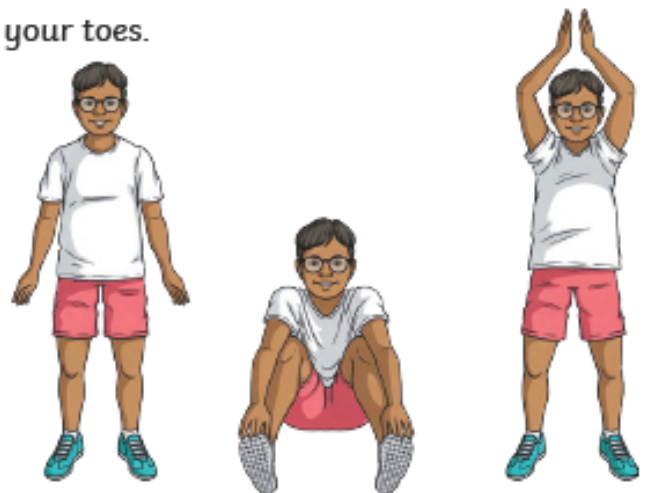
1. Run on the spot with forward punches.
2. Punch the opposite arm with the opposite leg running.

**How quickly can you go? Try sprinting for the final 10 seconds.**



### Sit down, Touch Toes, Stand up, Clap

1. Sit down.
2. Put your legs out in front of you and touch your toes.
3. Stand up.
4. Clap your hands above your head.
5. Repeat.



# Star Jumps

**Make sure you have enough room for this exercise!**

1. Stand straight with your arms by your side and feet shoulder-width apart.
2. Jump upwards, bringing your arms and legs out to make a star shape as you land.
3. Jump upwards again to bring your feet and arms back to the starting position.

**How many star jumps can you do in 35 seconds?**

**Try turbo star jumps!**



# Basketball Throws

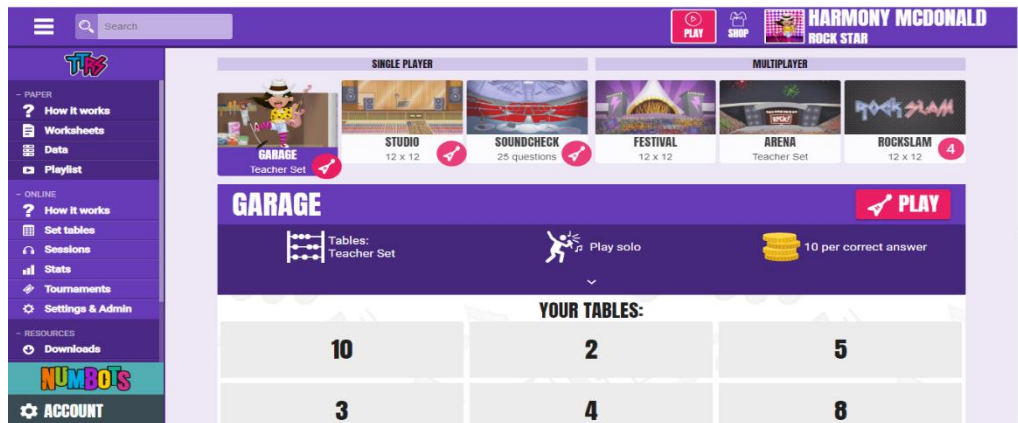
1. Shoot an imaginary basketball at an imaginary basketball hoop.
2. Shuffle along a few steps and shoot another hoop!
3. So, it's shoot – shuffle – shoot – shuffle back – shoot and so on.

**This is a great exercise for the leg muscles.**



*Don't forget to use the websites we have set up for you!*

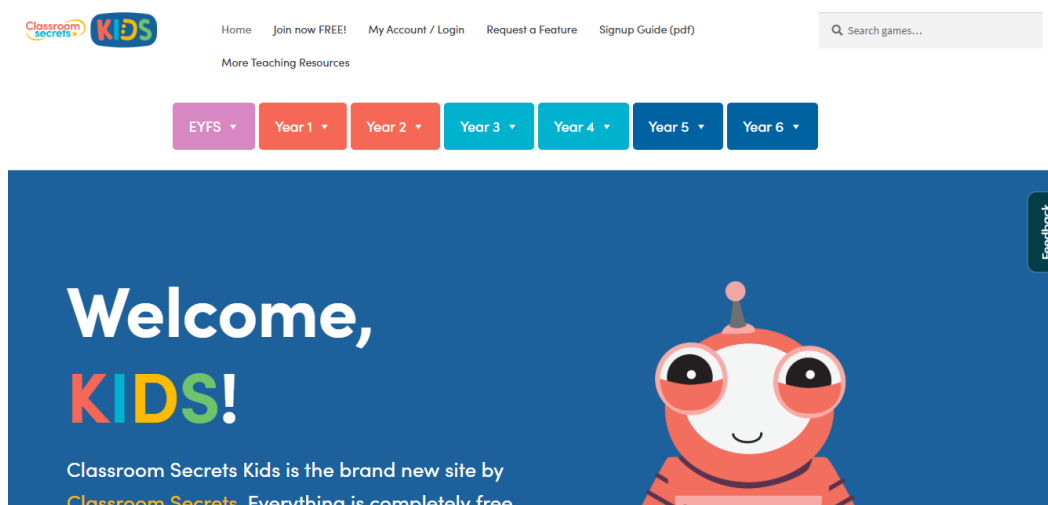
Times Tables Rockstars: <https://trockstars.com/>



NumBots: <https://play.numbots.com/>



Kids Classroom Secrets: <https://kids.classroomsecrets.co.uk/>





	9:30- 10:30	10:30- 10:45	10:45- 11:00	11:00- 12:30	12:30- 1:30	1:30- 2:30	2:30
Monday	Maths	Brain Break	Keeping active	English	Lunch	History	Down Time
Tuesday	Maths	Brain Break	Keeping active	English	Lunch	Science	Down Time
Wednesday	Maths	Brain Break	Keeping active	English	Lunch	Art	Down Time
Thursday	Maths	Brain Break	Keeping active	English	Lunch	RE	Down Time
Friday	Maths	Brain Break	Keeping active	English	Lunch	PSHE	Down Time

We have included some Brain Break Ideas on the School Website along with this Learning from Home pack.