

## **Monday 13<sup>th</sup> July**

**PE with Joe** – <https://www.youtube.com/user/thebodycoach1>

**Cosmic yoga** - <https://www.youtube.com/user/CosmicKidsYoga/videos>

**Speed sound session** – The children are very familiar with the RWI routines. Play the video for your set and you will see, they know what to do!

Set 1 - [https://www.youtube.com/channel/UCo7fbLgY2oA\\_cFCIg9GdxtQ](https://www.youtube.com/channel/UCo7fbLgY2oA_cFCIg9GdxtQ)

Set 2 – oy

Speed sound session: <https://youtu.be/OHQKtOMuFnc>

Fred finger and hold a sentence: <https://youtu.be/HWWy5ChsV-Y>

Set 3 – ur

Speed sound session: <https://youtu.be/bXRLCs789VQ>

Fred finger and hold a sentence: <https://youtu.be/TaL2O4OHAyc>

**Handwriting** – Letter i <https://www.youtube.com/watch?v=mPSJOFN4ewk&t=3s>

**Maths** – See below

**Reading** - Read one of your favourite books to you parent/carer. If you have ran out of books, log on to your myon.co.uk and find a book from there! Ask your teacher on class dojo if you aren't sure of your username or password.

**English** – SPaG See below

**Story time** – The owls lesson - <https://www.youtube.com/watch?v=glV3khrqsak>

**Topic- Science** See below

## Monday 13<sup>th</sup> July

Monday **Writing**: SPaG mat

**a**  
Add the correct subordinating conjunction to this sentence.

when that

Do you know a song \_\_\_\_\_ we could sing?



**b**  
Use two of these words to make one new compound word.

clip hair shoe

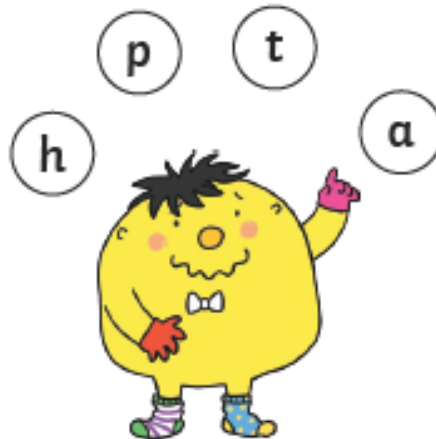
**c**  
What type of word is 'loudly' in this sentence? Circle one.

He's playing those drums loudly!



adverb adjective

**d**  
Which year 2 common exception word has Mr Whoops been juggling with?



**e**  
Find the hidden words.

many	M	r	s	b	s	r
busy	r	r	u	t	e	p
Mrs	u	s	e	t	v	l
plant	y	a	a	r	h	a
water	k	w	s	M	a	n
steak	c	y	n	a	m	t

**f**  
Use this noun phrase and these adjectives to write an expanded noun phrase in a full sentence.


their bed





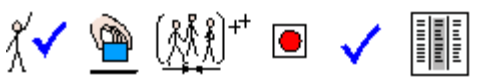
giant comfy

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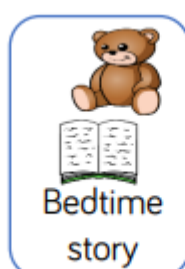
## Tuesday 16<sup>th</sup> June

Date	<b><u>13.07.20</u></b>
Subject/s	<b><u>Maths</u></b>
Learning Objective 	To sequence events and use language linked to time.

		SA 	TA 
Success Criteria 	I can identify the different times of the day. 		
	I can put the events in the correct column 		
	I can use the language of time to say what happens during the day.  <i>Morning, afternoon, evening, first, next, later, finally.</i>		
Support	Independent      Adult Support (    )      Group Work		

### Pre Task

Draw a line from the picture to the correct time of day.



## Tuesday 16<sup>th</sup> June

Morning	Afternoon	Evening
Teacher Led		
Fluency		

## Tuesday 16<sup>th</sup> June

### Fluency 1

Sort the pictures into the correct columns.

Morning	Afternoon	Evening

### Fluency 2

Using the words **morning, afternoon, evening, first, next, later, finally**. Write about what you do in the day.

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**Tuesday 16<sup>th</sup> June**


## Tuesday 16<sup>th</sup> June





# Tuesday 16<sup>th</sup> June

Monday: Science - To understand who John McAdam was and what he invented.

## Discovering New Materials



twinkl

## Aim

- I can tell you about the inventor John McAdam.

## Success Criteria

- I can tell you the name of the new process John McAdam invented.
- I can explain how his invention has impacted on life today.
- I can tell you two interesting facts about John McAdam's life.

## John McAdam Early Life

John Loudon McAdam was born in Scotland on 21<sup>st</sup> September 1756 and was the youngest of 10 children.

When he was 14 his father died and John went to live with his uncle William, who was a merchant in New York. John also became a merchant and married Gloriana Nicoll.

In 1783, with his wife and two children, John McAdam moved back to Scotland and bought Sauchrie, an estate in Ayrshire.



## John McAdam Road Building



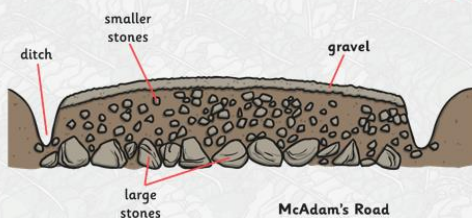
John McAdam became interested in road building and experimented with using different materials.

Roads at the time were often muddy and dangerous. Others were cobbled and very bumpy to travel over.

John McAdam invented a new process called 'macadamisation', which created smooth hard roads.



## Macadamisation



**Macadamisation** was the name given to John McAdam's construction process of building roads.

Large stones were placed at the bottom and small stones and gravel were crushed on the top to create the surface and structure. The roads were also curved, so that rainwater ran off the surface, instead of creating big puddles in the middle of the road.

## McAdamisation Success



Macadamisation was a success and roads were built in this way across the world. This photo shows the building of a macadam road in Maryland in 1823.



In 1819 the Parliamentary Committee praised his work and the efficiency and economy of his methods.

By 1823, seventy Road Trusts were consulting John McAdam and his 3 sons had moved from Scotland to help him.

The term macadam road is not often used today.



## John McAdam Later Life



John McAdam held **patents** on his methods, but they were so popular that they were not protected.

Parliament eventually awarded him some money, although he was never fully compensated for his work, nor did he receive royalties.

Later in his life he was offered a knighthood, although he turned it down and passed the honour to his son.

John McAdam died in Moffat on November 26<sup>th</sup> in 1836.



(Photo courtesy of Walter Blaxter (1712-18) via [http://commons.wikimedia.org/wiki/File:John\\_McAdam\\_Grave.jpg](http://commons.wikimedia.org/wiki/File:John_McAdam_Grave.jpg))

## John McAdam Tarmac



Tar was later added to macadam roads to stabilise them. This became known as **tarmac**, which is now commonly known as **tarmac**.



How many places can you think of where **tarmac** is used today?

(Photo courtesy of David Cook (1964-19) via <http://commons.wikimedia.org/wiki/File:Roadworks.jpg>) (Photo courtesy of David Cook (1964-19) via <http://commons.wikimedia.org/wiki/File:Roadworks.jpg>) (Photo courtesy of David Cook (1964-19) via <http://commons.wikimedia.org/wiki/File:Roadworks.jpg>)

## Other New Materials



Can you match the correct person with the new process or material they invented?



**John Dunlop** was a Scottish inventor who invented the air-filled rubber tyre. It was originally invented in 1887 to use with bicycles, and then became very useful when automobiles were developed.



**Charles Macintosh** was a Scottish inventor and chemist who invented waterproof fabrics in 1818. The Mackintosh raincoat was introduced in 1824.



**John McAdam** was a Scottish engineer who experimented with using new materials to build roads, inventing a new process called 'macadamisation'.

(Photo courtesy of [http://commons.wikimedia.org/wiki/File:John\\_Dunlop.jpg](http://commons.wikimedia.org/wiki/File:John_Dunlop.jpg)) (Photo courtesy of [http://commons.wikimedia.org/wiki/File:Charles\\_Macintosh.jpg](http://commons.wikimedia.org/wiki/File:Charles_Macintosh.jpg)) (Photo courtesy of [http://commons.wikimedia.org/wiki/File:John\\_McAdam.jpg](http://commons.wikimedia.org/wiki/File:John_McAdam.jpg))

## Fact File



John McAdam

Early Life

John McAdam was born in \_\_\_\_\_ in 1756.

When he was 14 he moved to \_\_\_\_\_ with his \_\_\_\_\_.

He died in \_\_\_\_\_.

Word Bank

1756

1836

1818

1824

roads

macadamisation

tyres

knighthood

Road Building

John invented a new way to build \_\_\_\_\_ called \_\_\_\_\_.

He used big stones with smaller stones and \_\_\_\_\_ on top.

He made the roads curved so \_\_\_\_\_ would run off.

His idea was a \_\_\_\_\_ and lots of people built roads using his ideas.

He helped lots of other people to build \_\_\_\_\_ roads.

Impact Today

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## John McAdam



invent



patent



compensated



royalties



knighthood



parliament



tar



tarmac

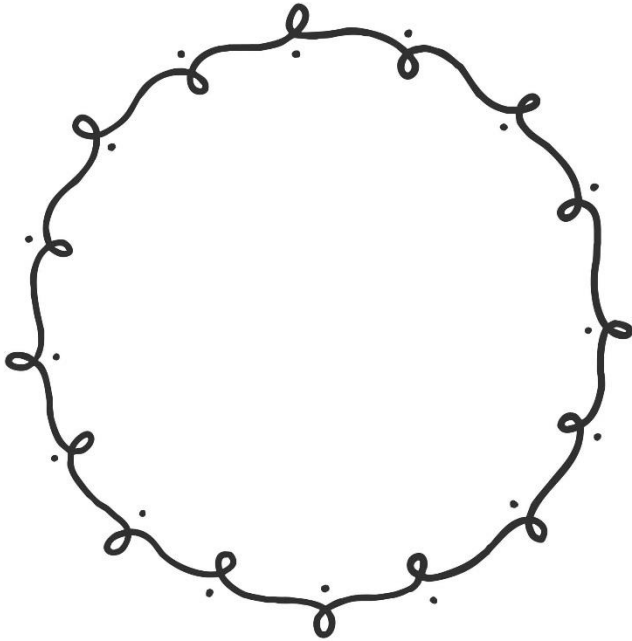


MacAdam's Road  
macadamisation

Can you create a fact file of John McAdam?



# John McAdam



## Early Life

[illegible]

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## Road Building

[illegible]

## Impact Today

[illegible]

**Tuesday 16<sup>th</sup> June**