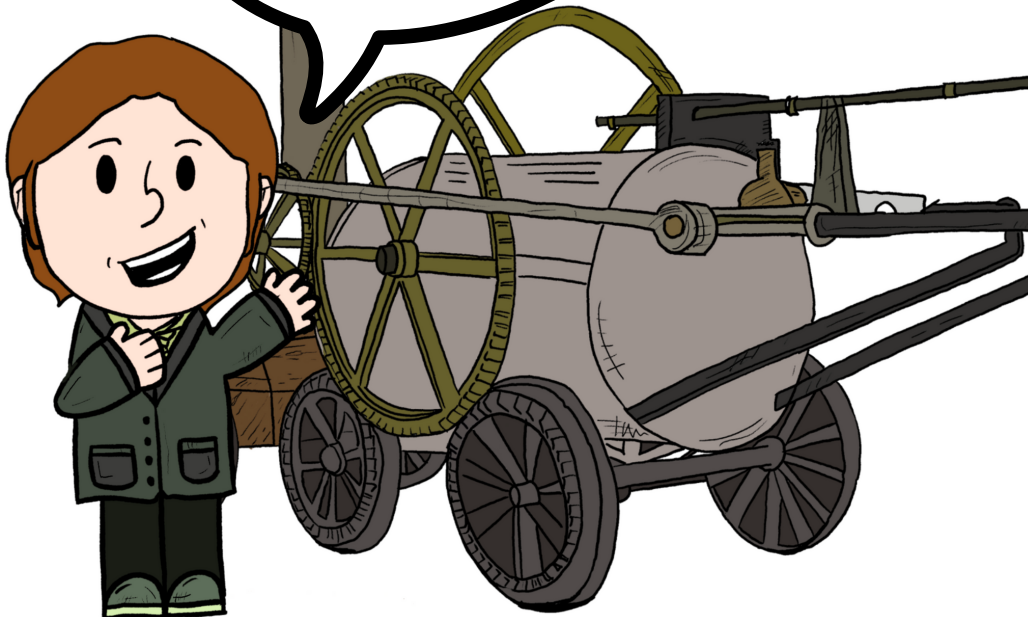


# Richard Trevithick Fact file

Hello! I am Richard  
Trevithick and this is the  
'Penydarren Locomotive.'

On February 21st, 1804, this steam  
locomotive was the first steam  
locomotive/train to carry people  
and freight in the world!

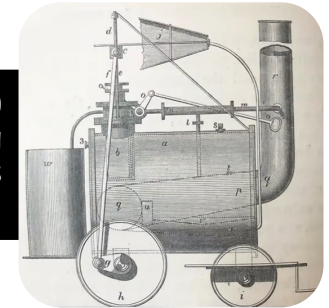
I burned coal to heat up  
the water inside the  
engine, then steam built up  
and pushed the pistons,  
cogs and wheels.



*Trevithick family home*

Richard was born in Cornwall in 1771. In school a teacher described him as 'a disobedient, slow, obstinate, spoiled boy...' He loved studying the steam engines at the mines his father worked at.

He would invent his own high-pressure steam engines and by 1801, he invented the 'Puffing Devil', a locomotive that was used on the roads around Cornwall.



*The 'Puffing Devil'*

After the Penydarren Locomotive did not capture public attention, Trevithick set up a rail track in London and offered the public paid rides. It was called the 'Catch Me Who Can Locomotive.'



*'Catch me who can', 1808*

Richard travelled all over the world inventing and promoting steam technology. He had very little money and died in 1833. His friends collected money to bury him in an unmarked grave.

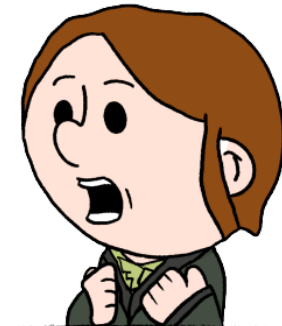


*Richard Trevithick*

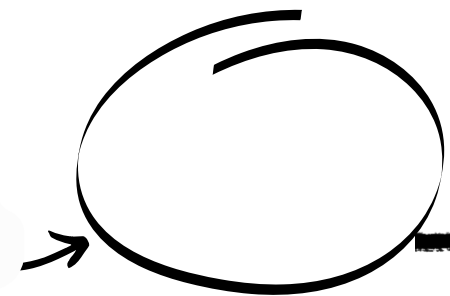
Design your own  
**Steam  
Locomotive**  
with *Richard Trevithick*

AMGUEDDFA  
CYMRU

Can you design your own locomotive in the box below? Think of what it will look like, if it would run on rails and even what powered it. Make sure to add lots of colour too!



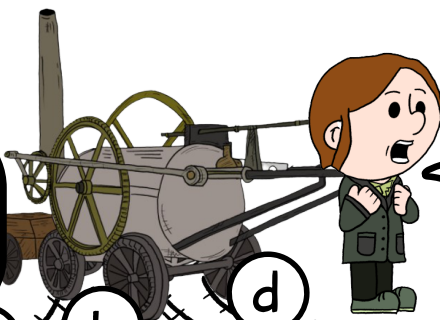
What gives power to your Locomotive? Renewable energy? Electric? Coal? Or another invention altogether! Draw or write the answer in here



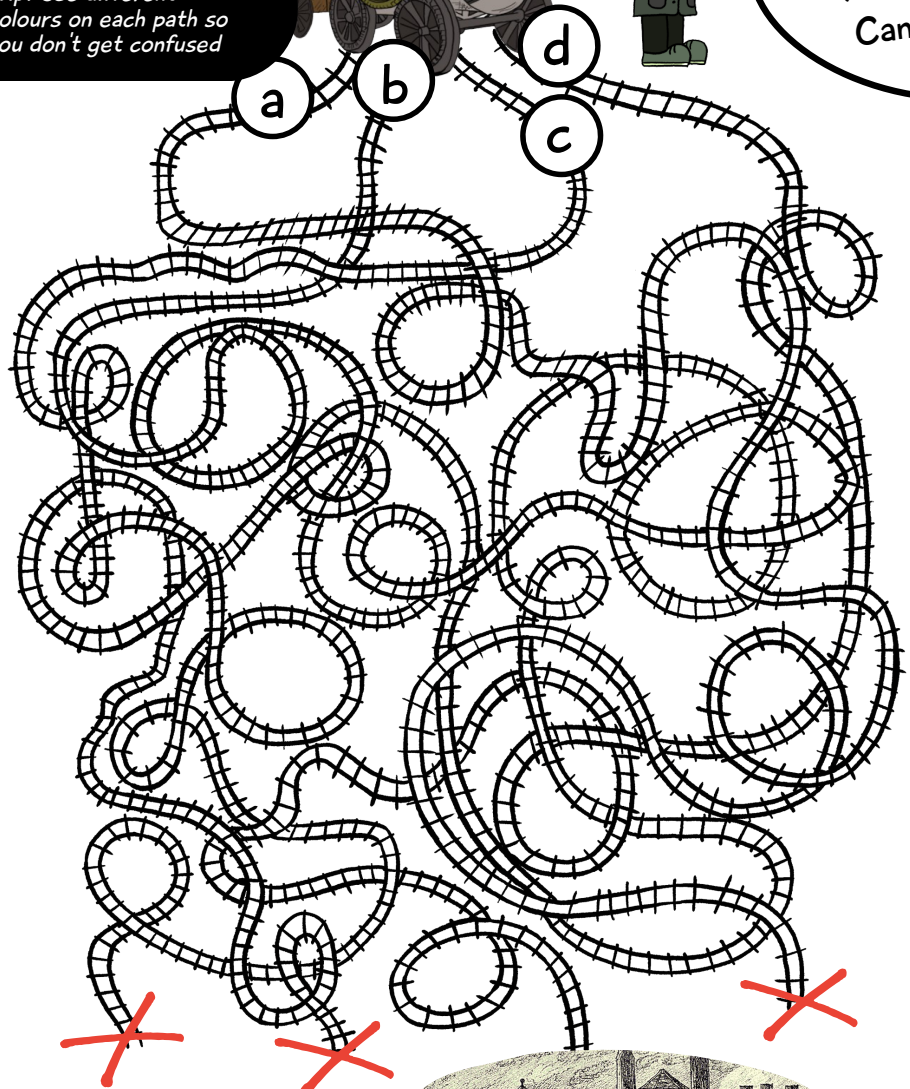
# Activities

Follow the tracks and find out which one leads to Penydarren

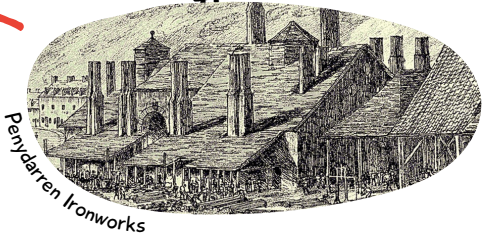
\*Tip! Use different colours on each path so you don't get confused



I can't seem to find my way back to Penydarren Ironworks! Can you help?



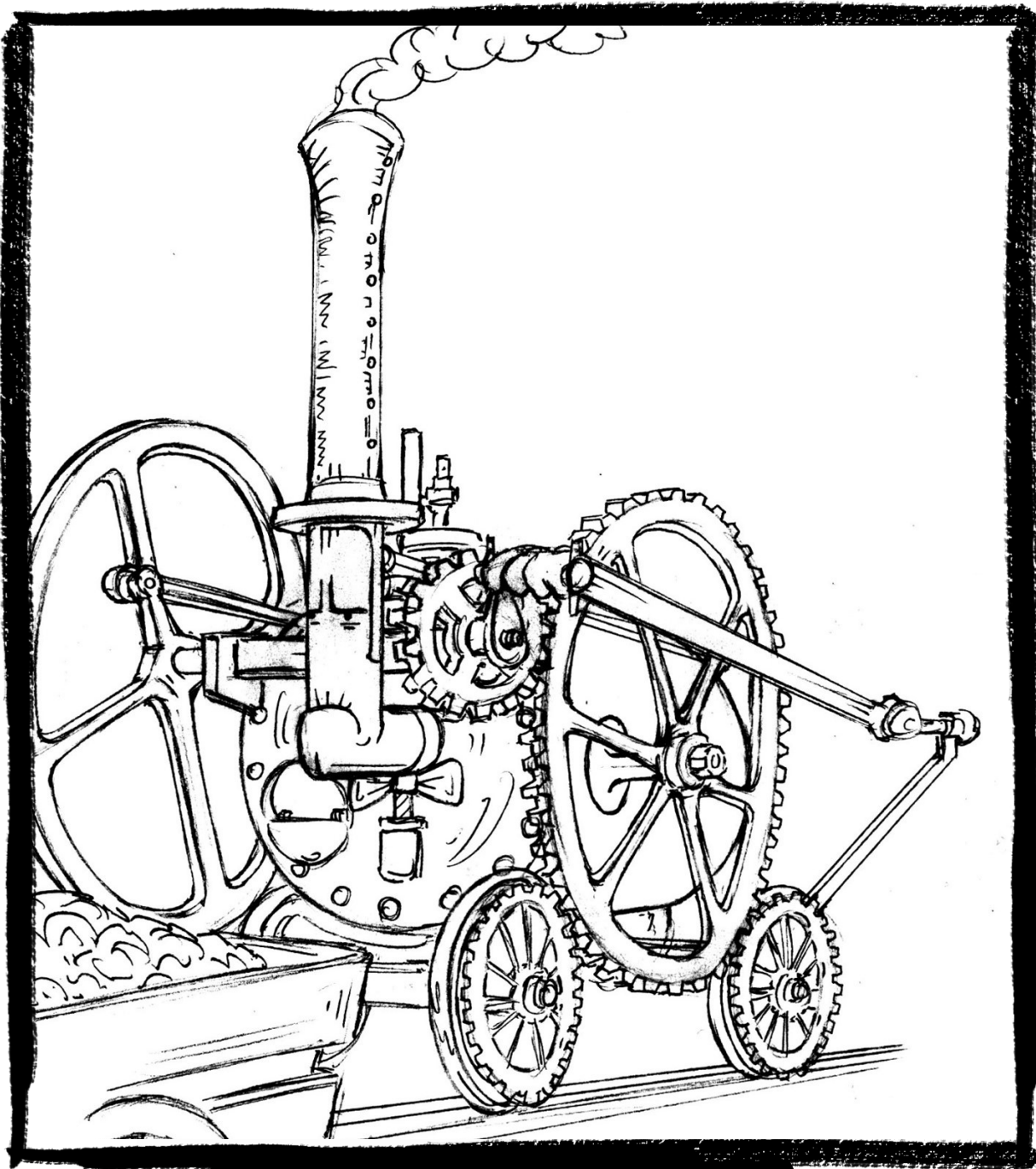
Which track made it back to Penydarren?



- Word List:
- Trevithick
  - Crawshay
  - Iron
  - Steam
  - Penydarren
  - Homfray
  - Tramroad
  - Coal
  - Rails
  - Locomotive

Can you find these words in the word search below? Cross them out as you find them.

b	e	o	e	t	y	z	a	c	g	z	e	u	b	
p	n	e	p	b	n	b	p	f	l	c	o	a	l	f
l	o	c	o	m	o	t	i	v	e	t	l	p	a	o
t	p	t	r	e	v	i	t	h	i	c	k	v	v	c
o	u	f	a	z	b	s	b	f	j	g	l	l	y	r
b	u	f	e	t	b	s	g	t	e	o	c	a	x	q
k	e	e	q	i	f	o	z	e	y	g	r	m	r	p
t	r	a	m	r	o	a	d	a	m	f	a	j	b	e
i	r	j	a	o	e	g	h	z	m	e	o	l	h	n
z	l	t	a	o	l	s	m	o	t	i	e	j	m	i
d	p	m	n	i	w	z	h	s	k	e	n	w	w	v
e	j	k	n	a	a	o	d	h	e	w	x	y	i	r
y	x	o	r	y	p	e	n	y	d	a	r	r	e	n
m	r	c	z	m	f	d	h	t	a	k	h	b	c	n
i	t	y	n	r	a	i	l	s	e	t	c	n	j	v



Add some colour to the Locomotive!

# Terrific Trevithick Activities

AMGUEDDFA  
CYMRU

Spot the difference! There are 8 things removed from the bottom picture. Can you find them all? Circle them when you find them

