THE GREAT STEM QUIZ 2026

created by My Science Club

for BRITISH SCIENCE WEEK

Quiz teams of 3 or 4 - choose a STEM related team name

Three rounds of 12 questions

Each question read twice

Mark each round after it’s completed - either mark own, or swap

1 mark for each question

Total out of 36

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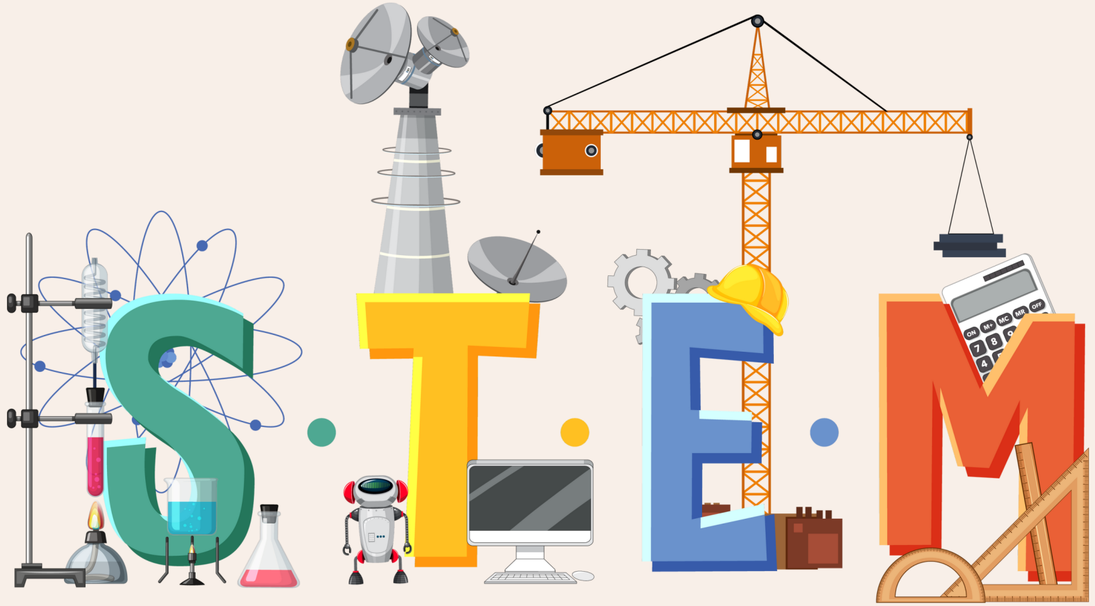
ROUND 1

GENERAL STEM



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Q1

What does the acronym **STEM** stand for?



Q2

Which mathematical number system is the language computers use ?



a. Decimal

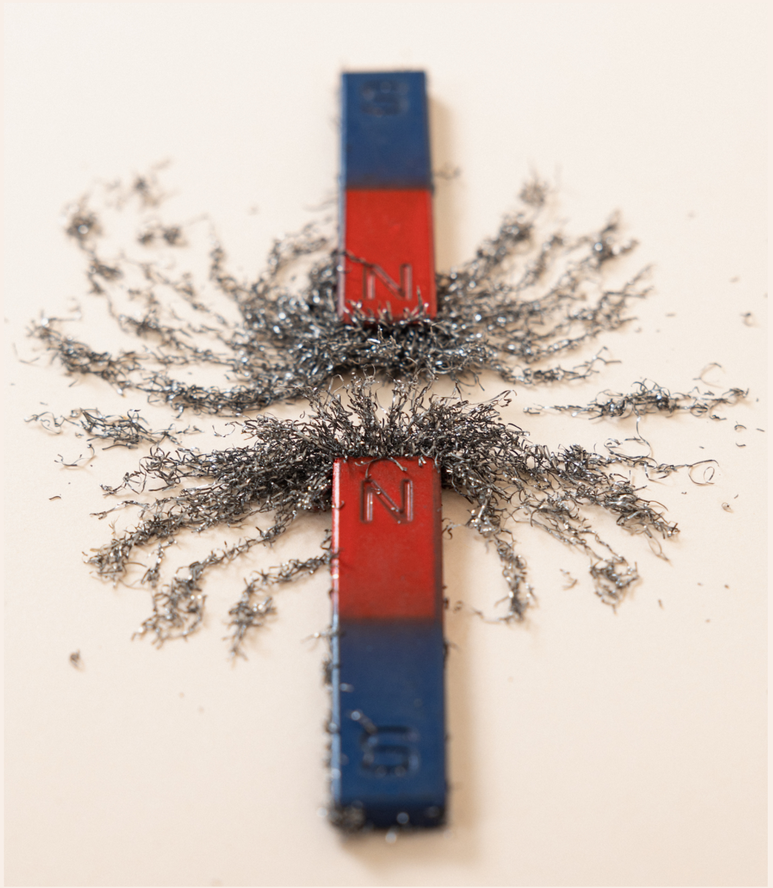
b. Binary

c. Logo

d. Geometry

Q3

What two things do magnets do?



a. Push and Pull

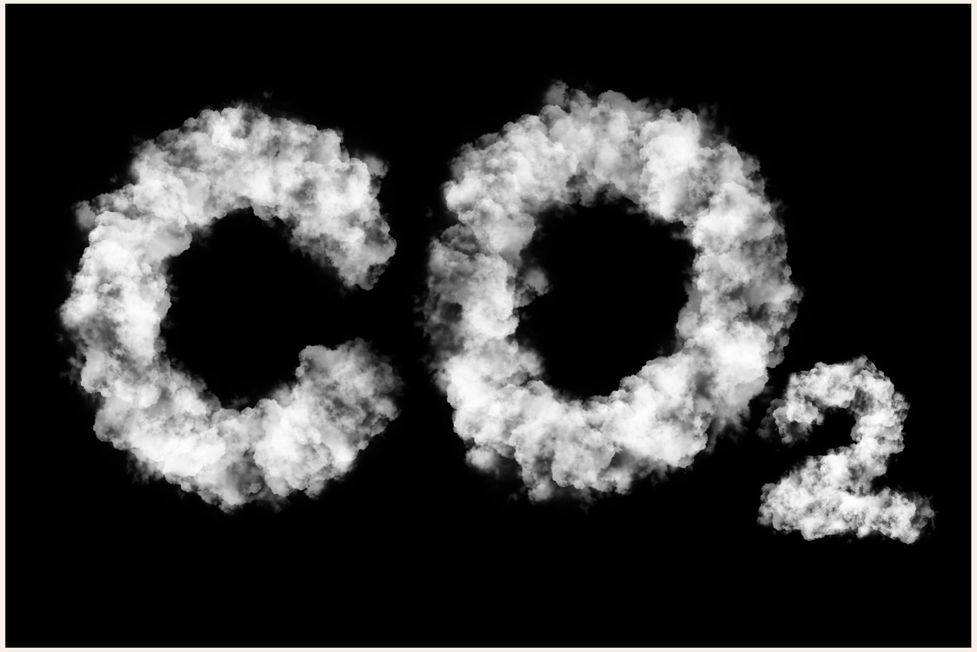
b. Stick and Twist

c. Attract and Repel

d. Push and Stick

Q4

What substance is sometimes known by its chemical name CO_2?



a. Air

b. Carbon monoxide

c. Water

d. Carbon Dioxide

Q5

What scale is used to measure the strength of an earthquake?



a. Kelvin Scale

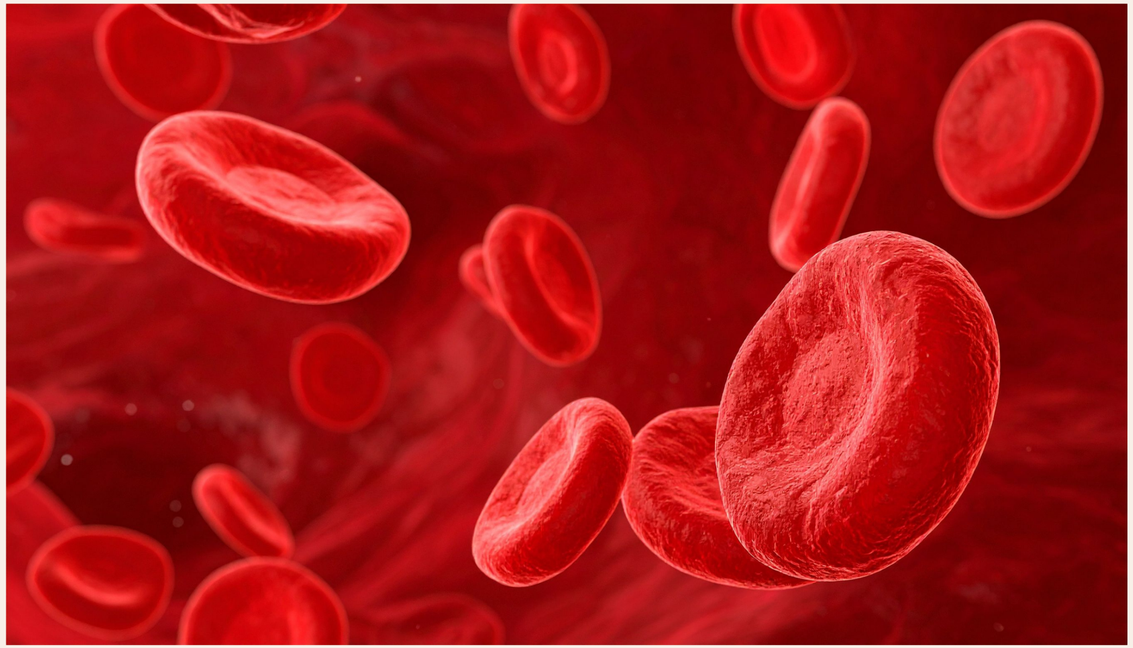
b. Beaufort Scale

c. Richter Scale

d. Newton Scale

Q6

What do red blood cells do?



a. Fight infection in the body

b. Clean blood vessels

c. Digest food

d. Carry oxygen from the lungs round the body

Q7

What is the hardest natural substance found on Earth?



a. Diamond

b. Gold

c. Titanium

d. Iron

Q8

Which group of animals are characterised by giving birth to premature young that develop in pouches?



a. Fish

b. Birds

c. Reptiles

d. Marsupials

Q9

What is an animal that only eats plants?

a. Carnivore

b. Herbivore

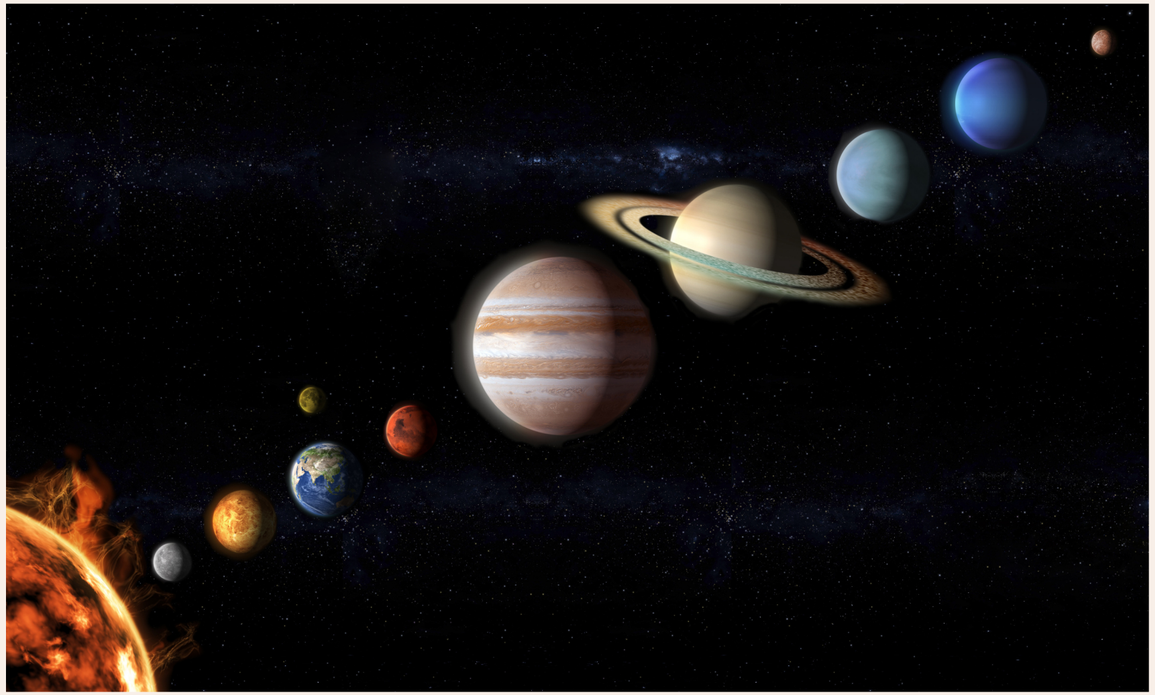
c. Omnivore

d. Decomposer



Q10

Which planet in our Solar System has the most moons?



a. Venus

b. Mars

c. Jupiter

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Q11

Which branch of engineering designs and builds roads, bridges and other infrastructure?



a. Electicial Engineering

b. Mechanical Engineering

c. Civil Engineering

d. Chemical Engineering

Q12

Where does the energy come from in a hydroelectric power station?



a. Heat from the sun

b. Moving wind

c. Flowing water

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ANSWERS

ROUND 1

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SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (OR MATHS)

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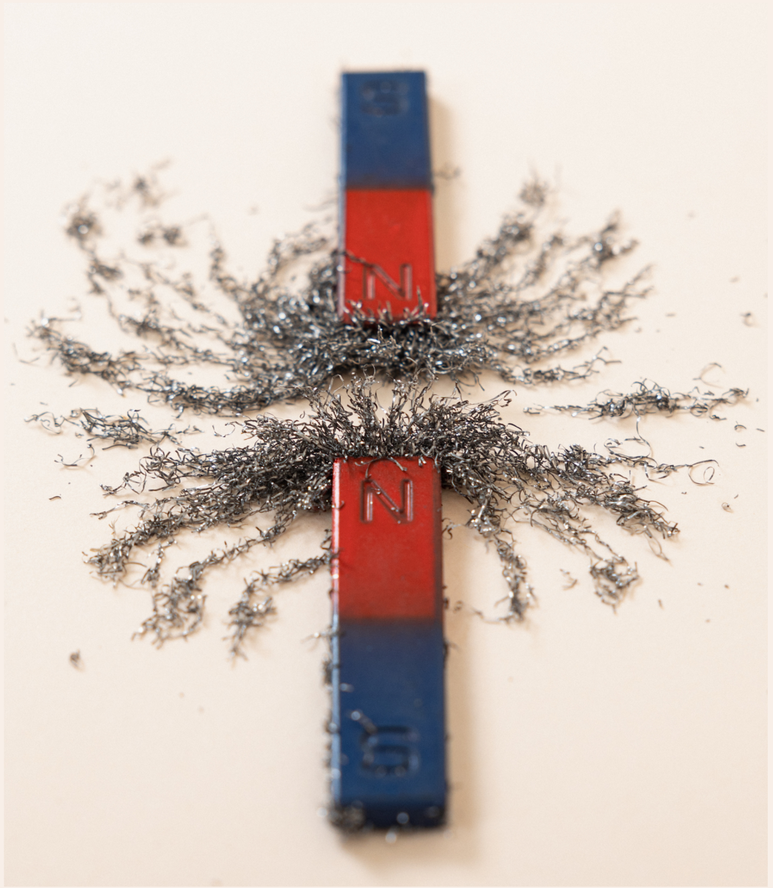

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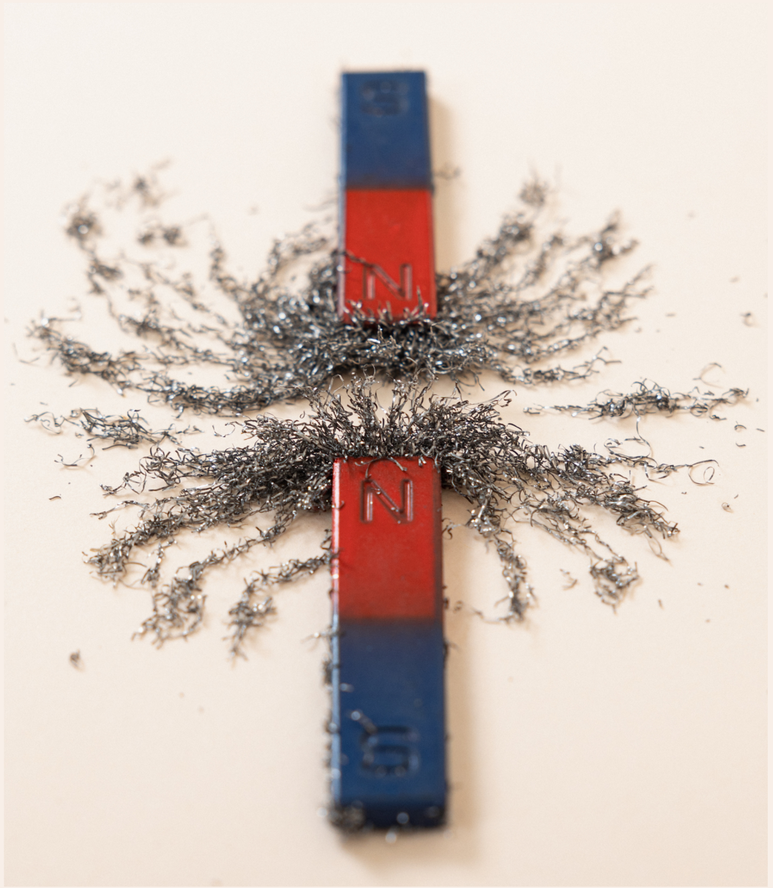

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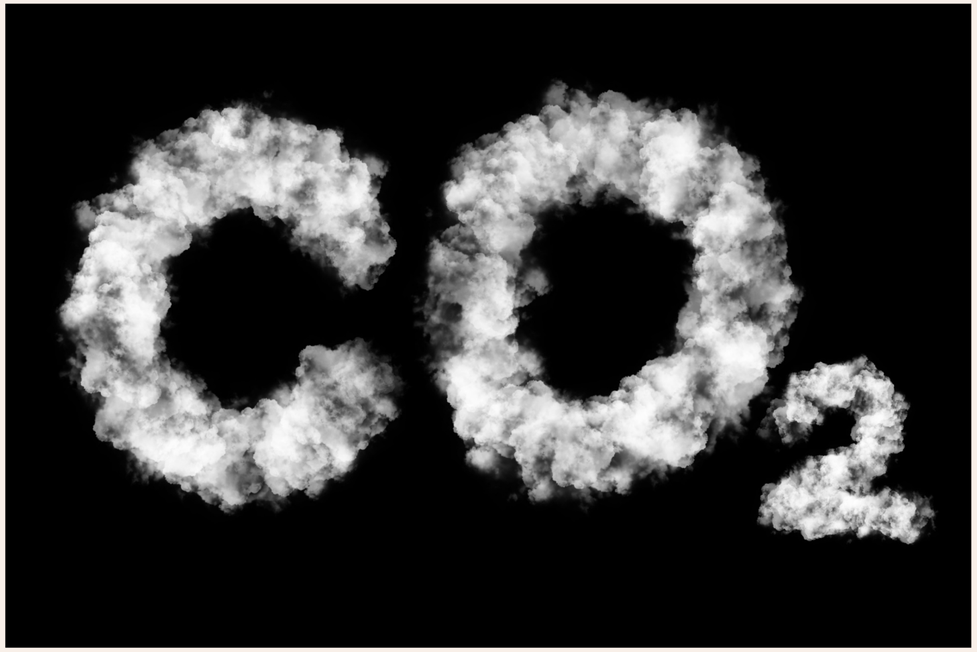

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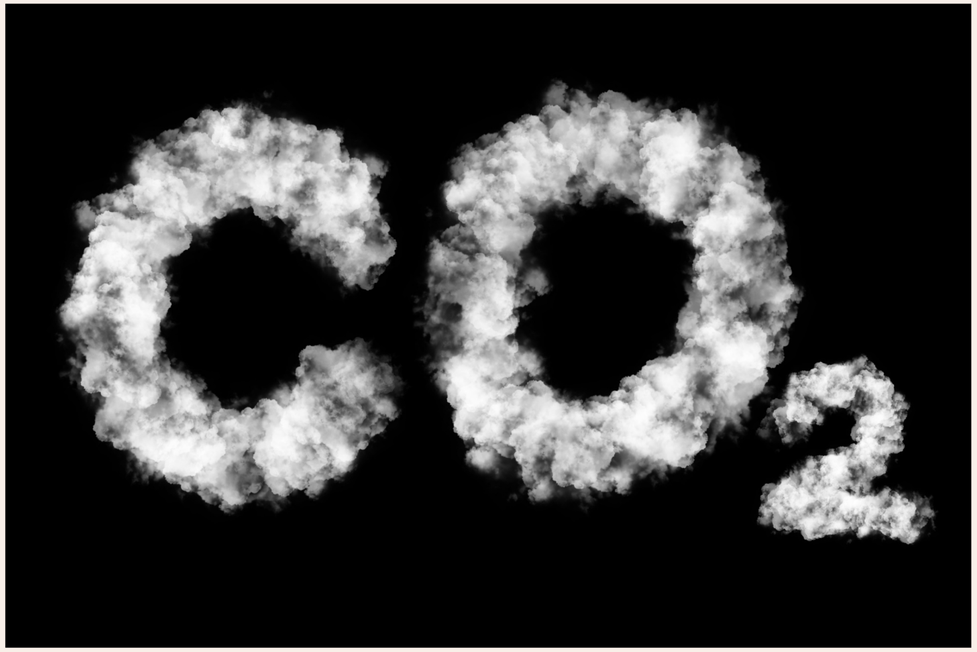

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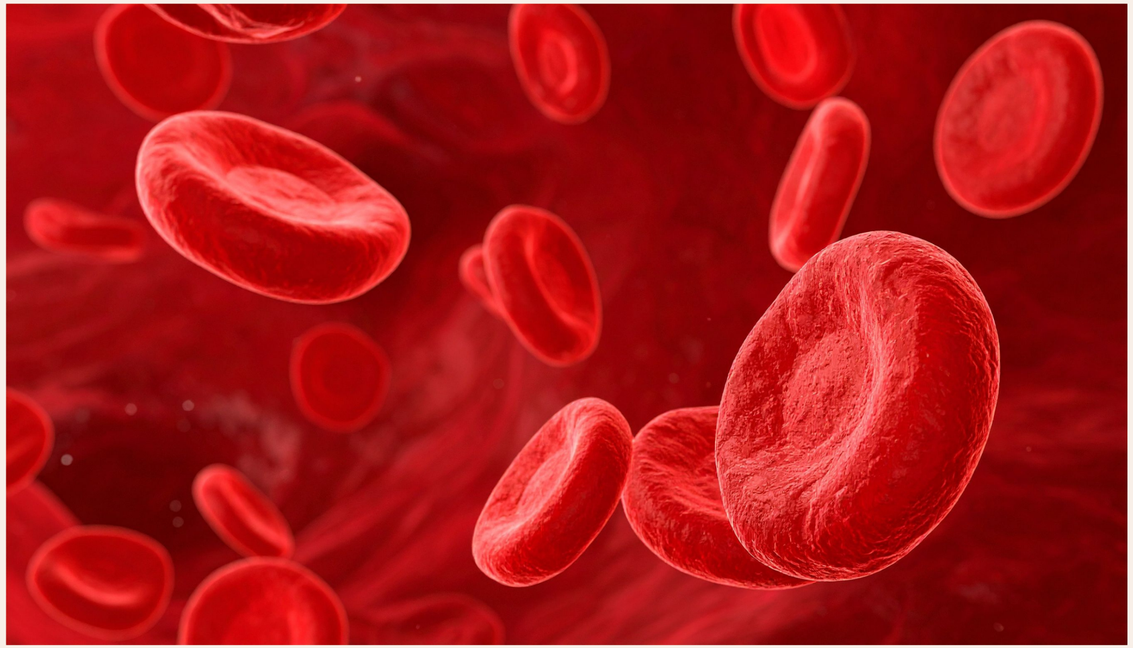

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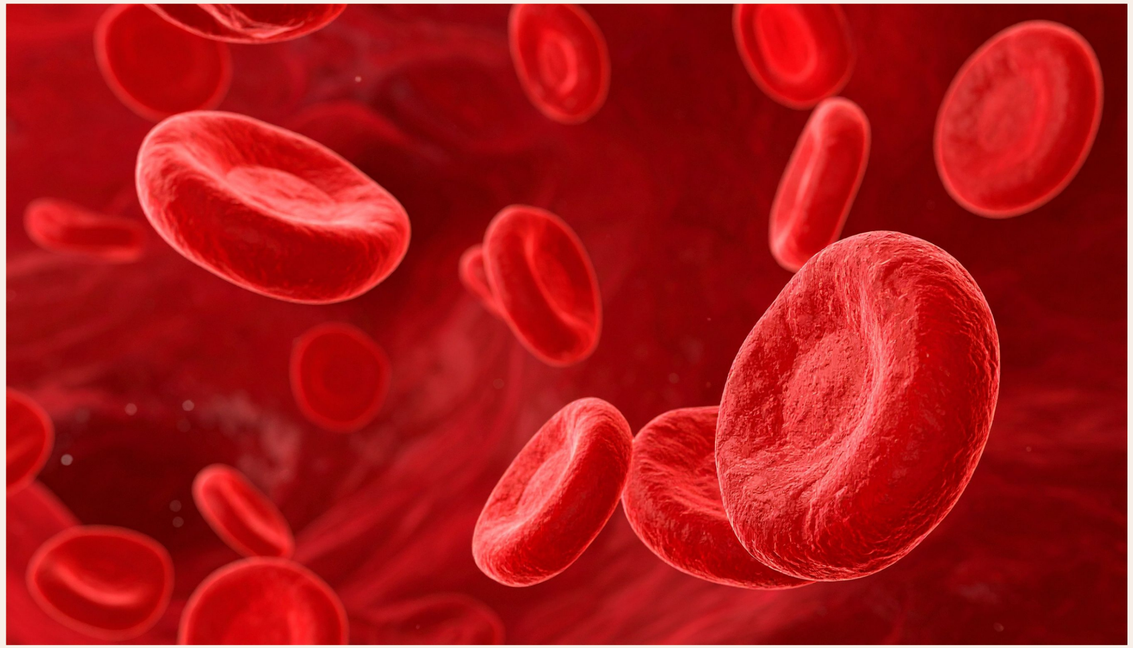

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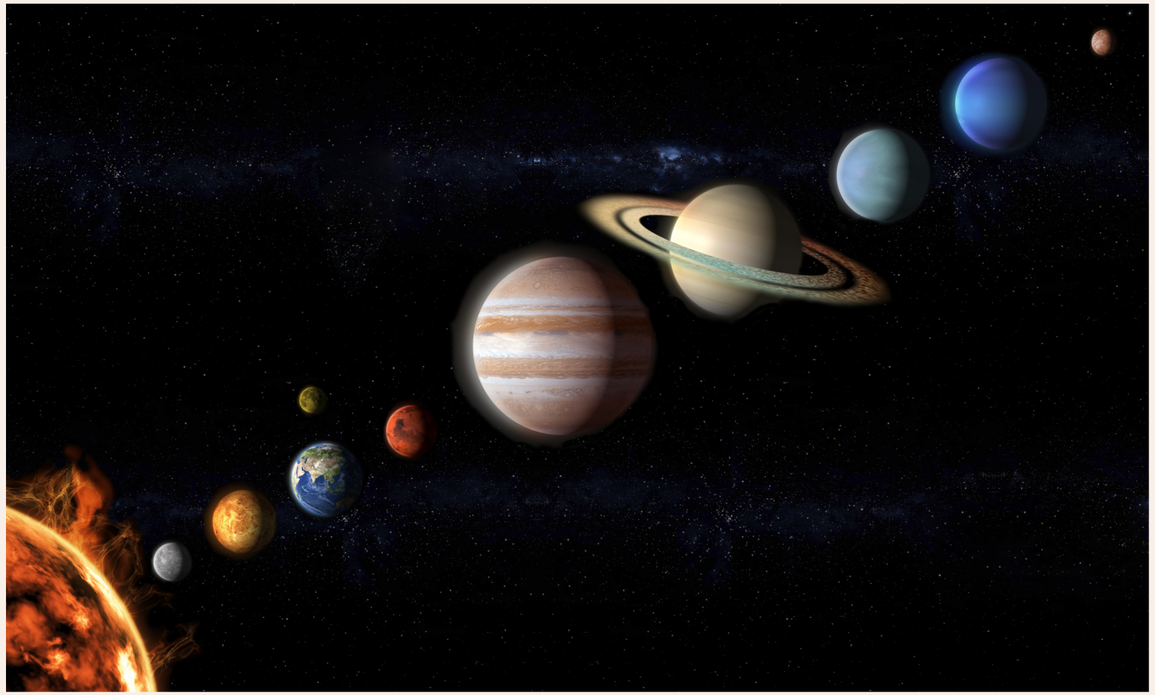

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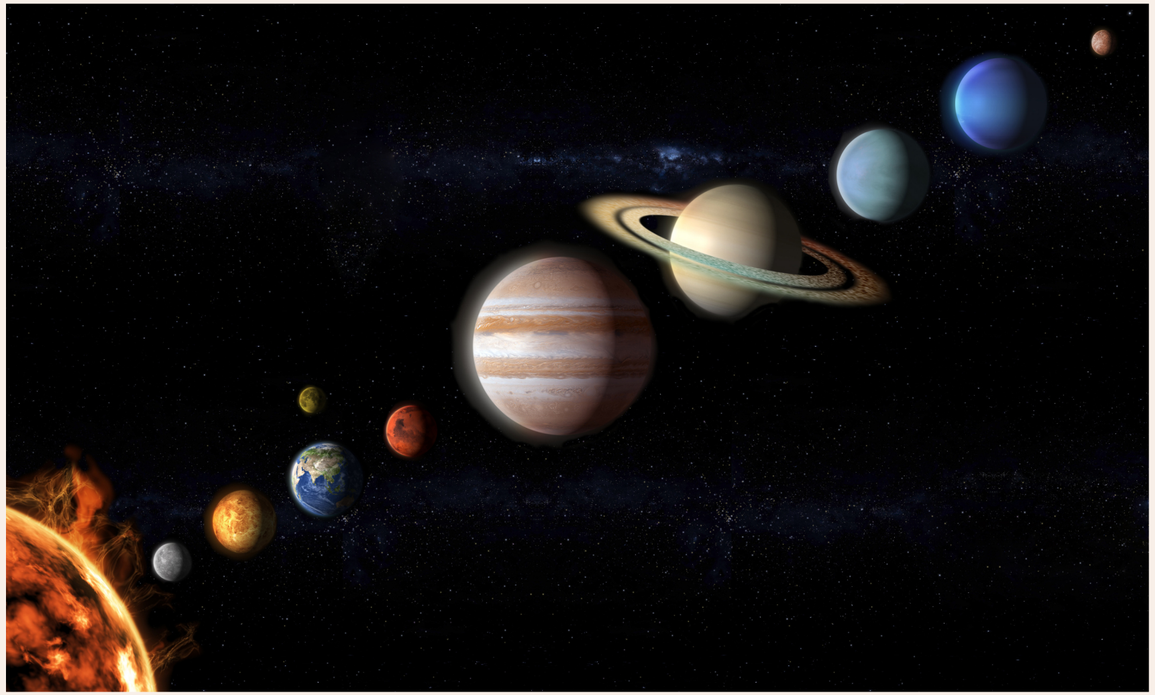

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WHAT'S THE QUESTION?



Q1

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a. How many legs does an insect have?

b. How many planets are there in the Solar System?

c. How many colours can a bee see?

d. How many eggs does an emu lay?

Q2

Cat



a. Which animal sleeps the most?

b. Which family of animals does the tiger belong to?

c. Which animals can swim fastest?

d. Which animals have the thickest fur?

Q3

Iron



a. Which metal is brass made from?

b. Which metal is liquid at room temperature?

c. Which metal floats on water?

d. Which metal are magnets usually made from?

Q4

Clouds



a. What stops birds flying too high?

b. Why do aircraft have to be fitted with radar?

c. What is caused by condensing water in the atmosphere?

d. What is the major cause of global warming?

Q5

Waterproof Glue



a. What did seaweed inspire scientists to make?

b. What is the most toxic substance on Earth?

c. What did mussels inspire scientists to invent?

d. What is used to fix holes in container ships?

Q6

101001



a. What is 82 in binary?

b. What is 8 in binary?

c. What is 3 in binary?

d. What is 74 in binary?

Q7

Hexagonal



a. What shape is the cross section of a tree trunk?

b. What shape are shark teeth?

c. What shape are the cells in a bee hive?

d. What shape are bird’s nests?

Q8

Great White Shark



a. Which animal kills the most humans every year?

b. Which sea creature can dive deepest?

c. Which animal is the fastest swimmer?

d. Which animal grows new teeth throughout its life?

Q9

1,800,000



a. How many ants can live in a single nest?

b. How many people are stung by bees every year?

c. How many wind turbines are there in the UK?

d. How many electric vehicles are there in the UK?

Q10

1998



a. When was the first flat screen TV made?

b. When did the building of the International Space Station start?

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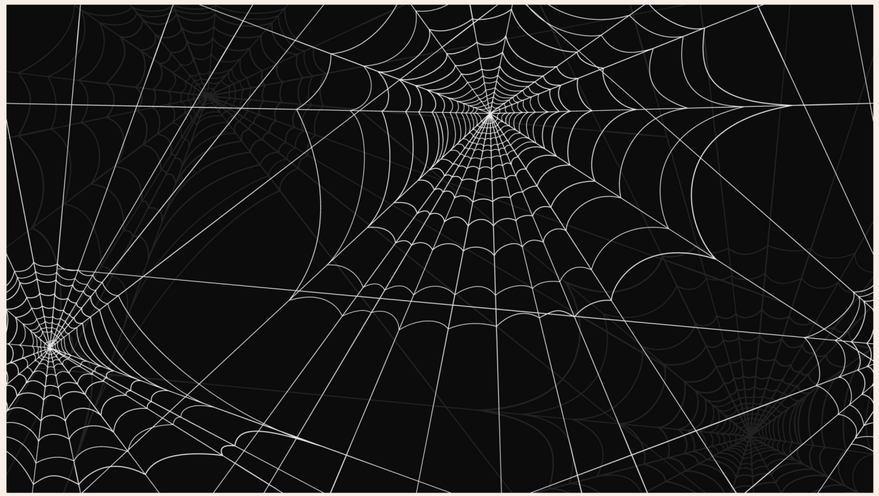
Silk



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Q12

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a. How many tonnes does a cruise liner weigh?

b. What is the fastest car ever in miles/hour?

c. How many different species of cat are there?

d. What is the speed of sound in m/s?

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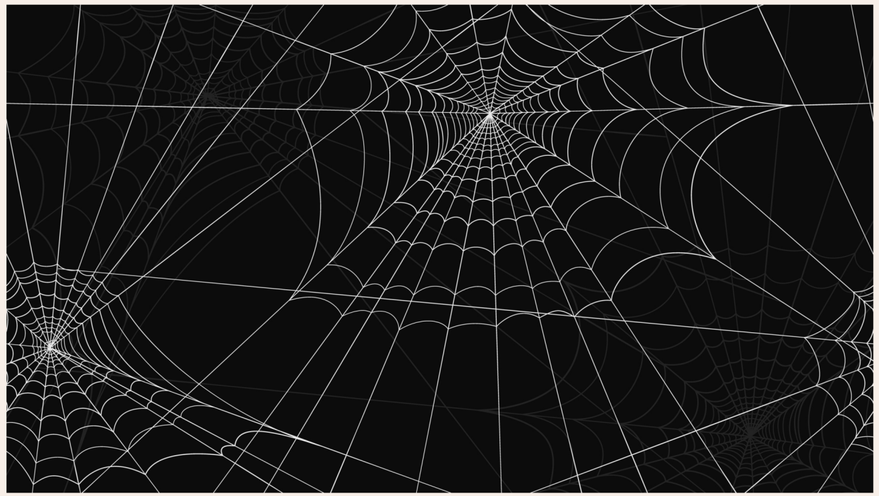

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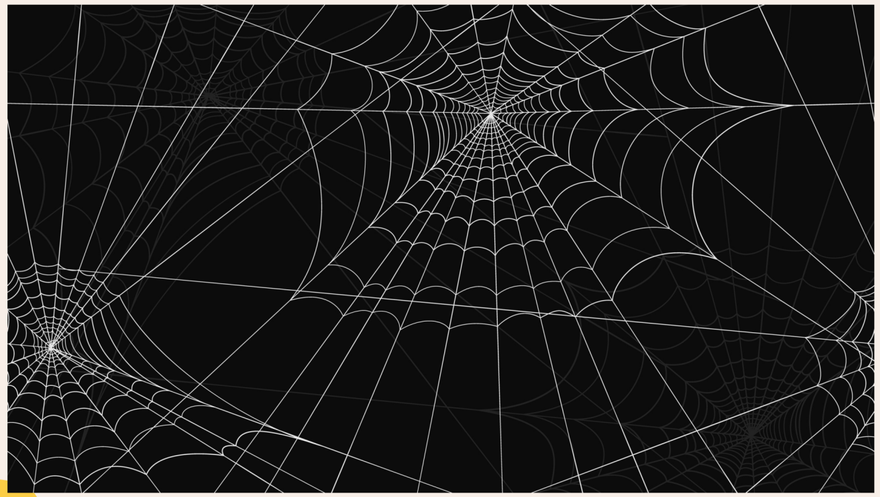

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ROUND 3

ACCIDENTAL INVENTIONS



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Q1

What was the inventor of the microwave oven trying to invent?



a. A fast acting freezer

b. A new jet engine

c. A radar system

d. A new form of communication

Q2

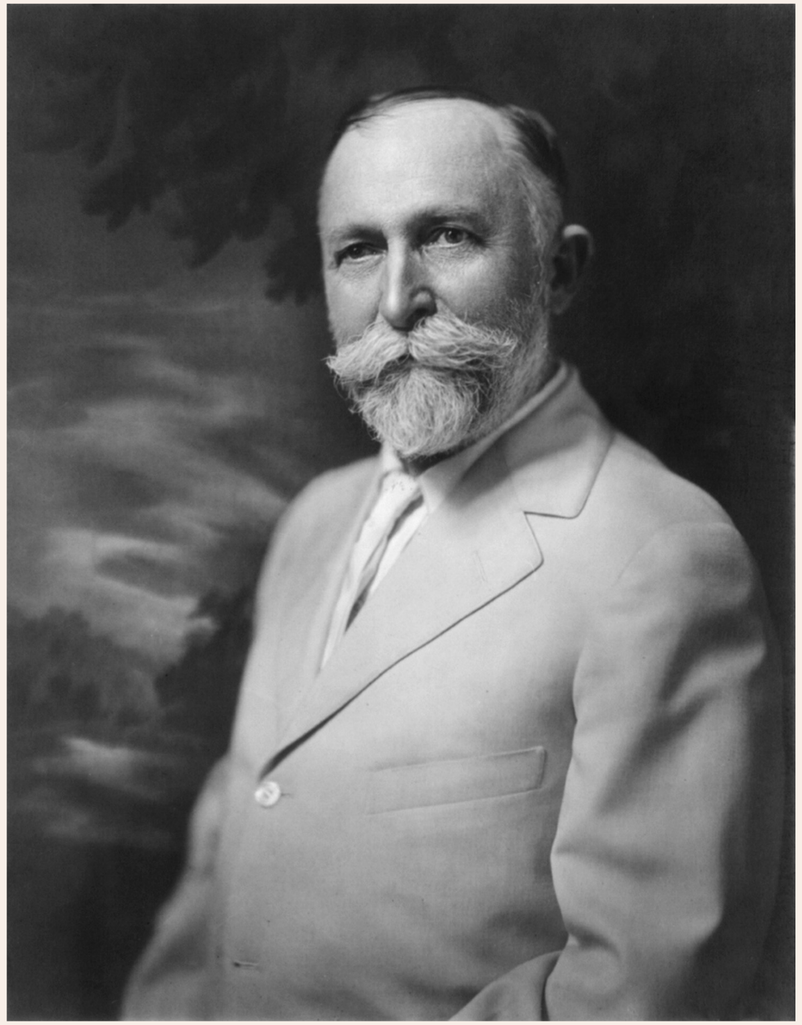
What did Dr Kellogg invent by baking stale, flaky, boiled wheat?

a. Porridge

b. Corn Flakes

c. Weetabix

d. Horse Feed



Q3

What important fastener was invented while picking burrs out of dog fur?



a. Velcro

b. Zip

c. Buttons

d. Shoe laces

Q4

What explosive did Alfred Nobel invent after spilling nitroglycerin on sawdust?



a. Semtex

b. TNT

c. Dynamite

d. Gunpowder

Q5

In 1968, a 3M employee, Spencer Silver, was making super strong glue to be used on airplanes. What he created instead was a very weak glue that is now used to make...

a. Stamps

b. Post-it notes

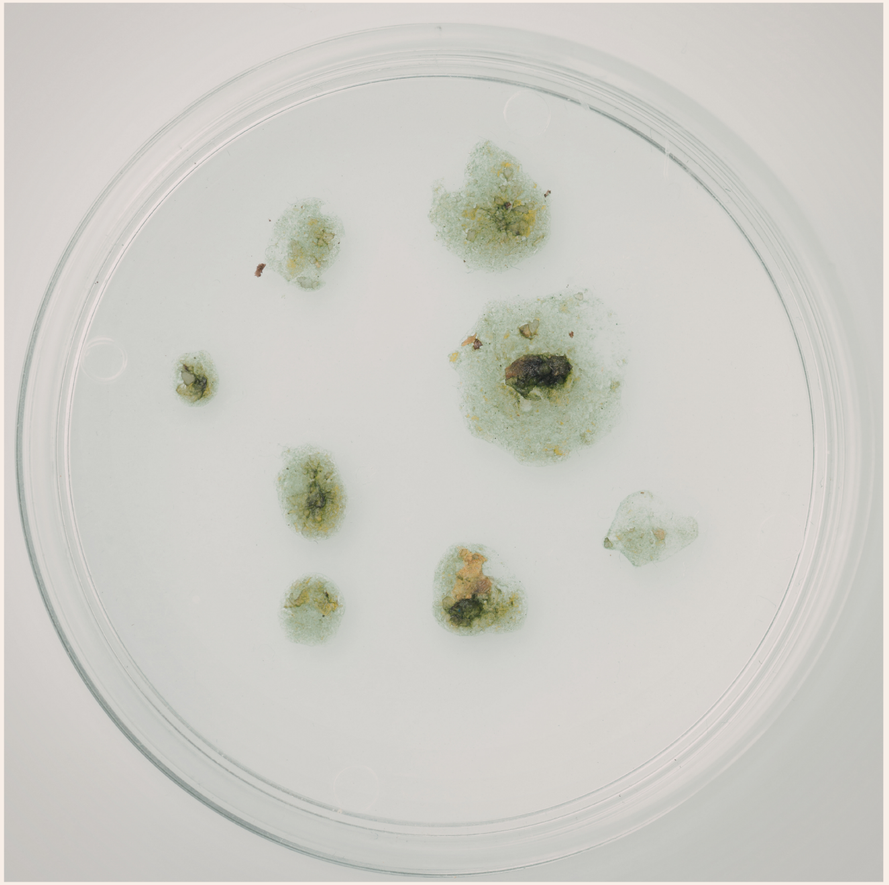
c. School glue sticks

d. PVA glue



Q6

What important medicine was discovered when a messy scientist's work grew mould on it?



a. Penicillin

b. Asprin

c. Paracetamol

d. Calpol

Q7

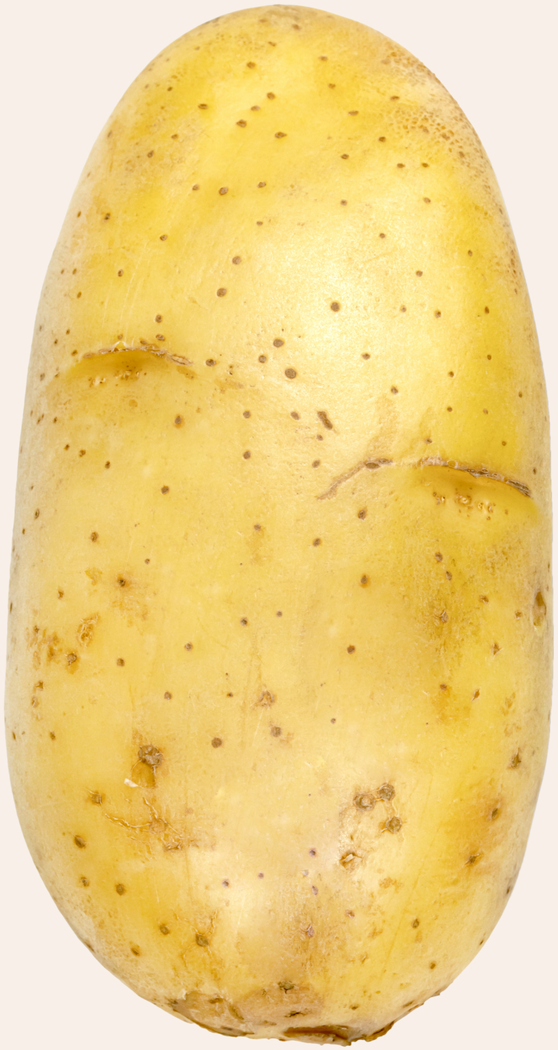
What was invented in 1853 by a grumpy chef who had a customer complain that his chips were too thick?

a. Skinny Fries

b. Potato Wedges

c. Crisps

d. Pringles



Q8

In 1886 pharmacist, Dr. John Pemberton, was trying to make a cure for headaches and exhaustion. He accidentally created a syrup that, when mixed with carbonated water, became...

a. Coffee

b. Ice Tea

c. Lucozade

d. Coca Cola



Q9

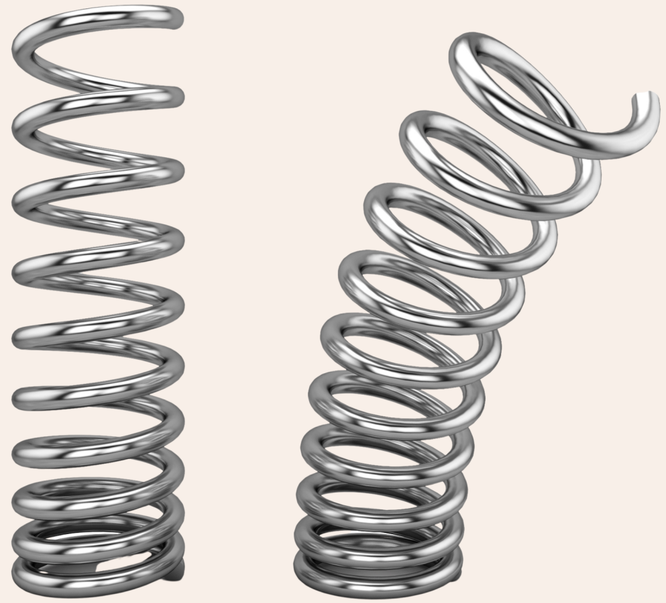
Engineer Richard James was developing springs that would keep equipment steady on ships. He knocked the spring off a ledge, saw the incredible way it moved and sold it as a...

a. Baby Bouncer

b. Slinky

c. Hammock

d. Car suspension



Q10

This children’s toy was originally invented as a product to clean stains off wallpaper.

a. Play Doh

b. Slime

c. Silly Putty

d. Plasticine



Q11

In 1942, Harry Coover was looking for materials he could use to build clear plastic gun sights for the war. Instead, what was the chemical he discovered that stuck to everything it touched.

a. Superglue

b. Velcro

c. Pritt Stick

d. Teflon



Q12

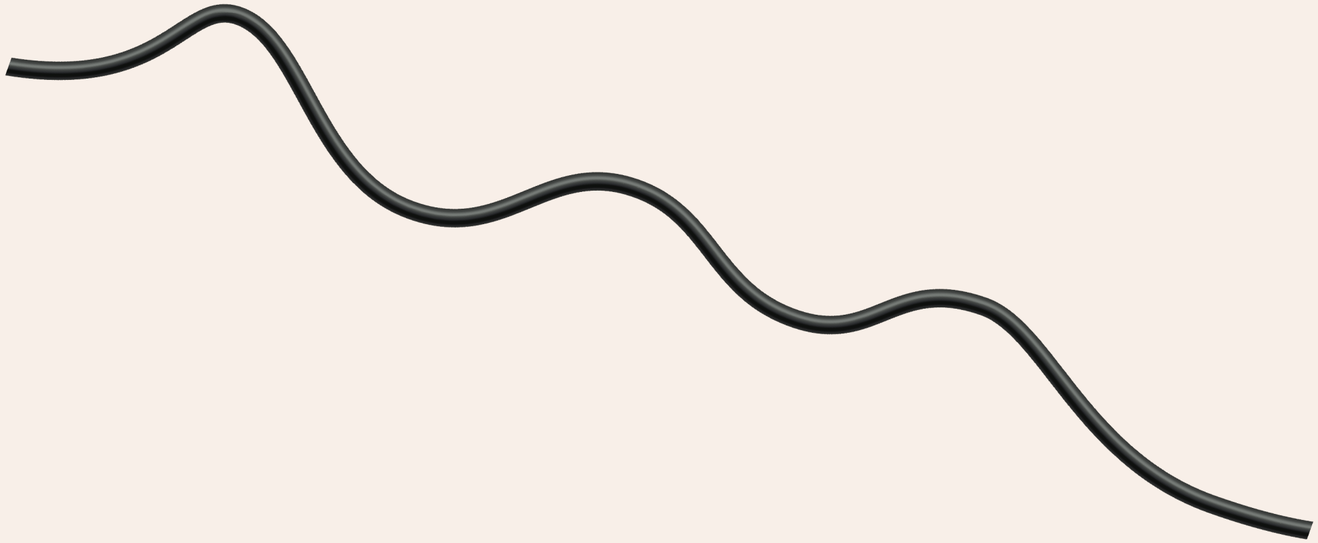
What did inventor Walter Hunt accidentally invent while sitting at his desk twisting a piece of wire?

a. Split Pin

b. Sewing needle

c. Paper clip

d. Safety pin



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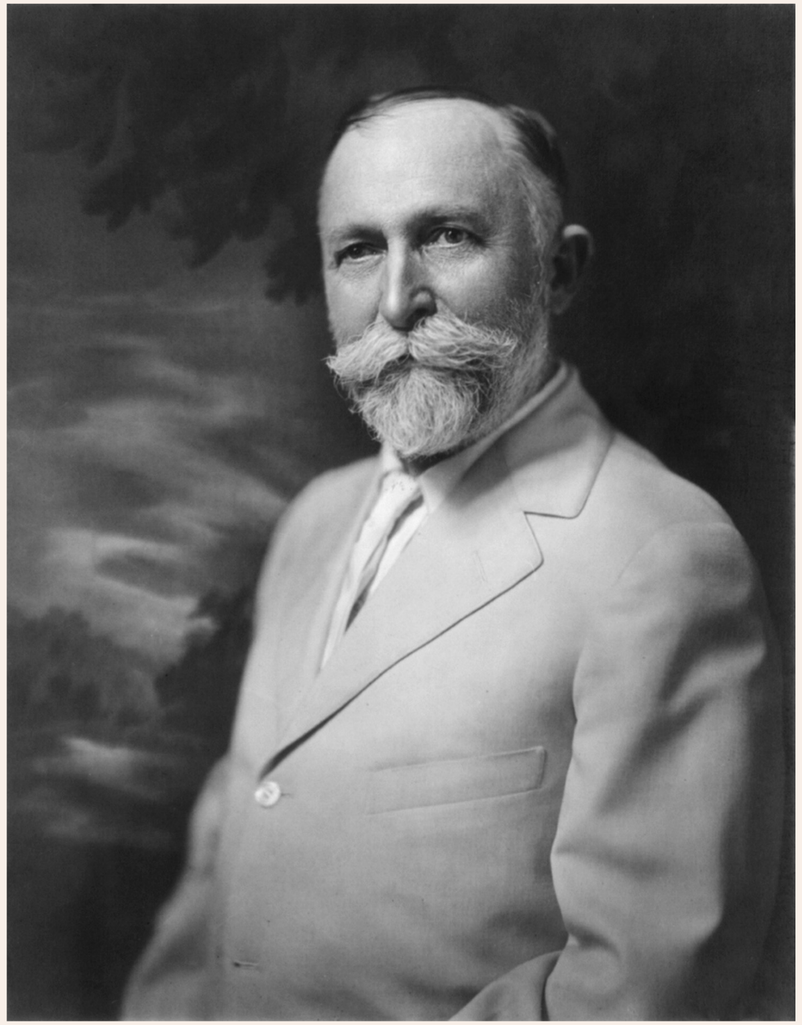

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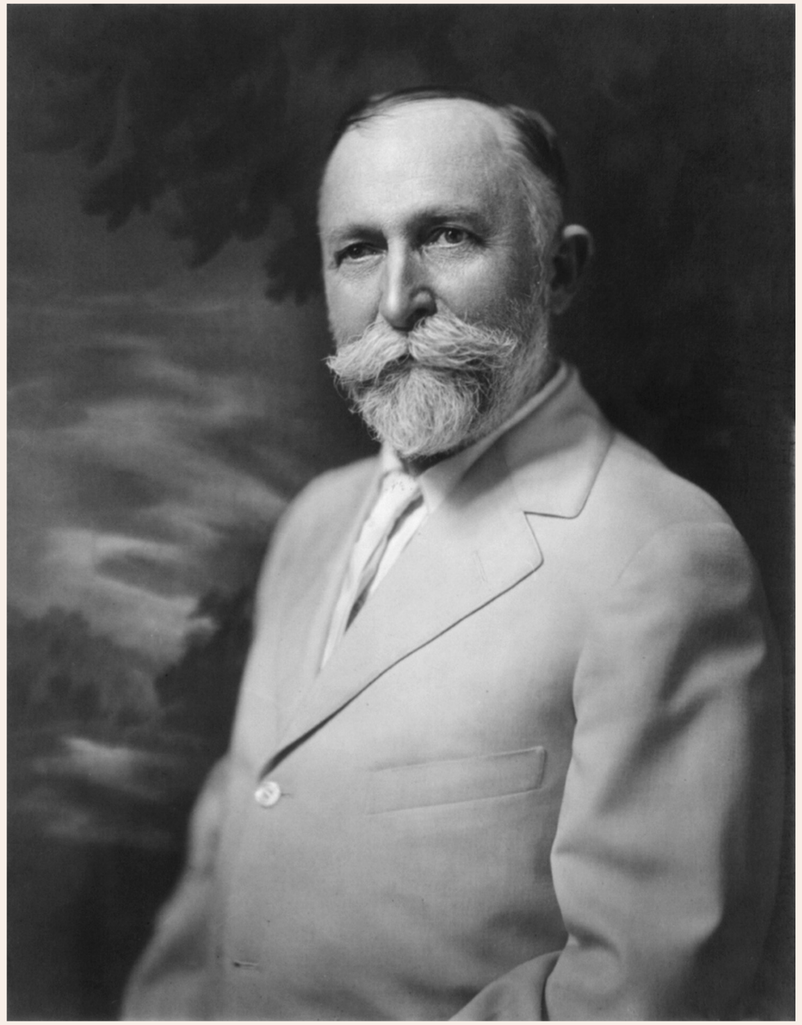

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In 1968, a 3M employee, Spencer Silver, was making super strong glue to be used on airplanes. What he created instead was a very weak glue that is now used to make...

a. Stamps

b. Post-it notes

c. School glue sticks

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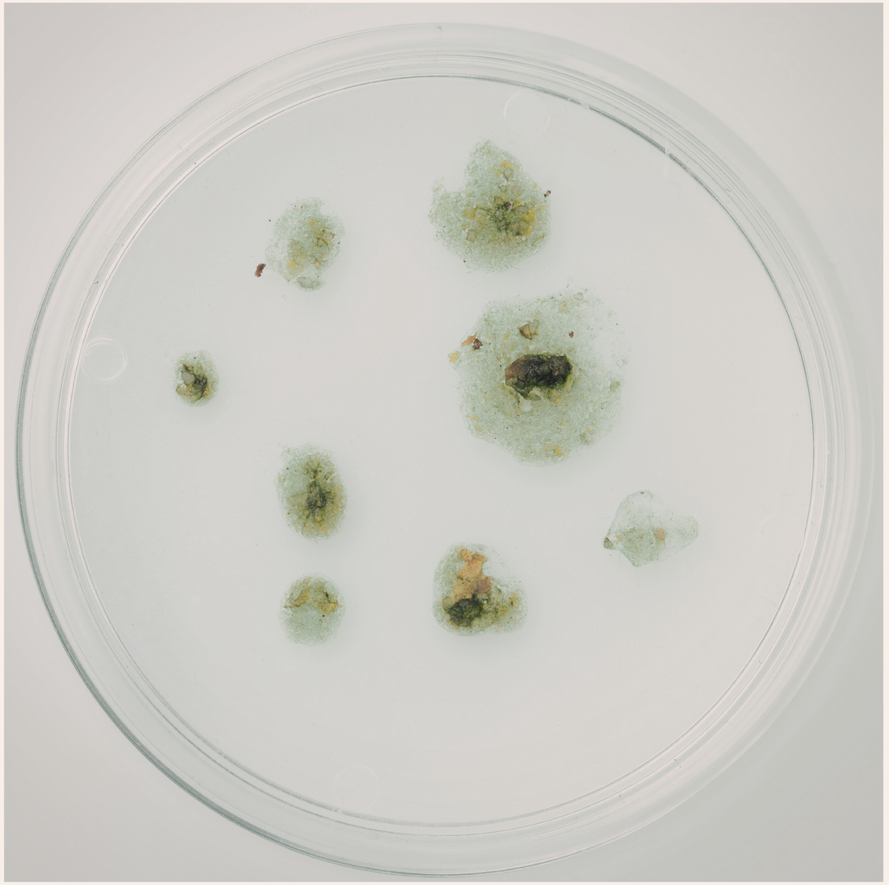
What important medicine was discovered when a messy scientist's work grew mould on it?



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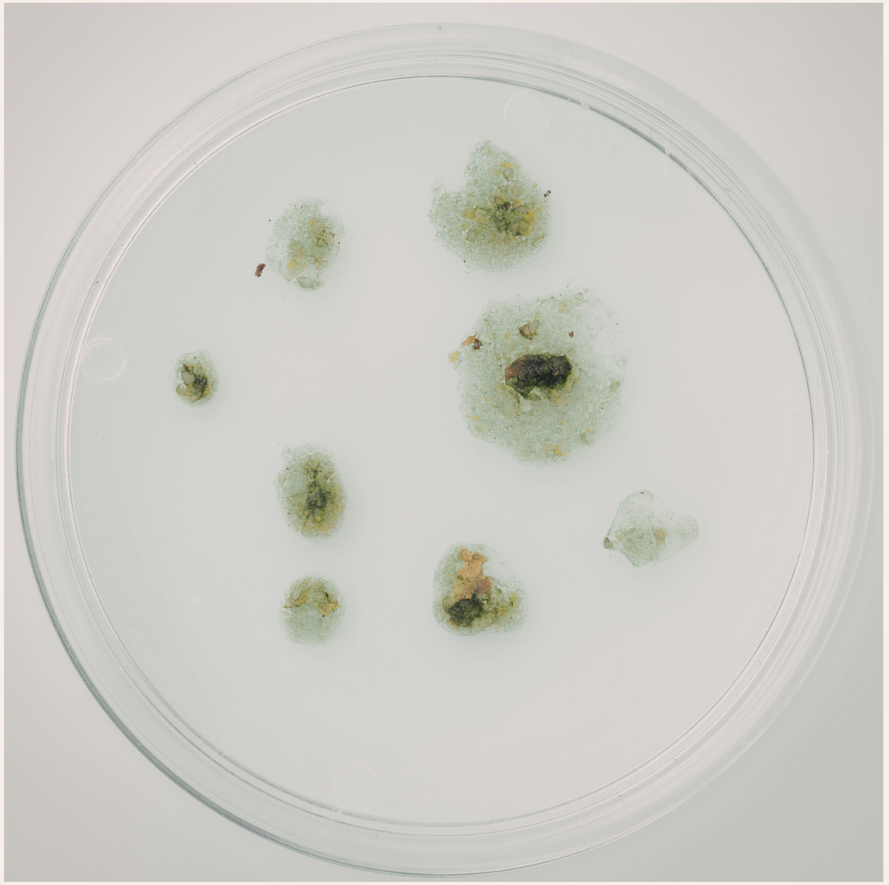

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What was invented in 1853 by a grumpy chef who had a customer complain that his chips were too thick?

a. Skinny Fries

b. Potato Wedges

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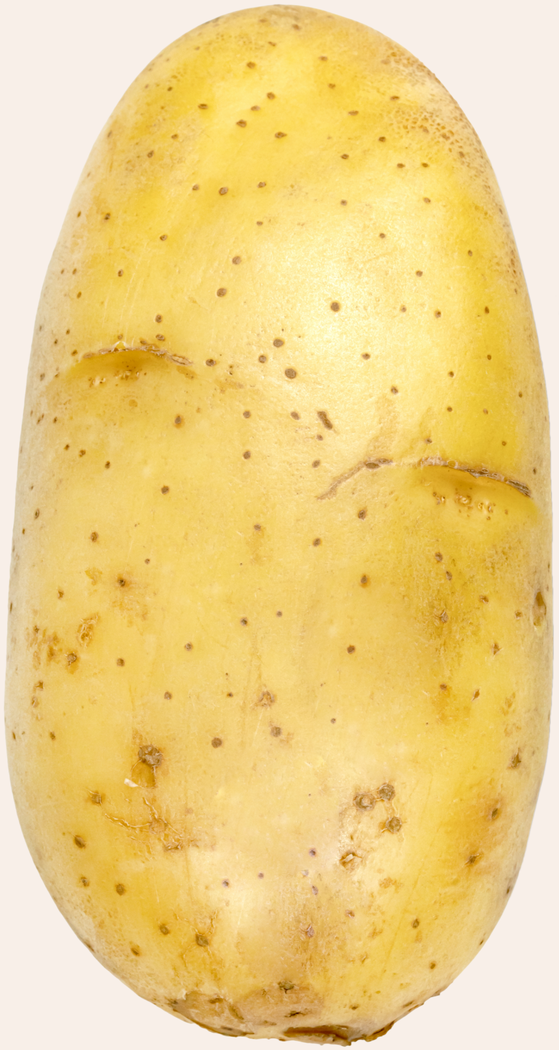

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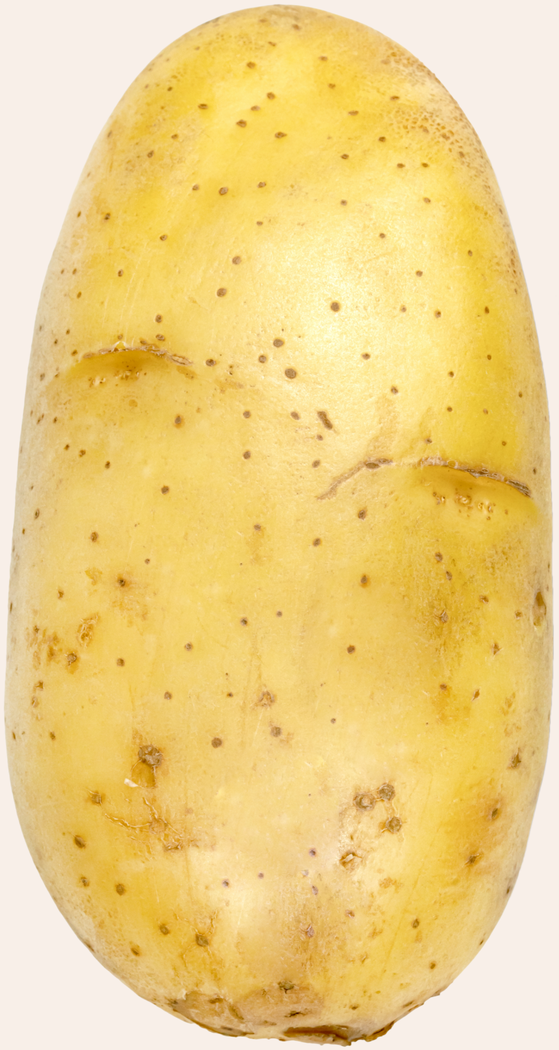

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In 1886 pharmacist, Dr. John Pemberton, was trying to make a cure for headaches and exhaustion. He accidentally created a syrup that, when mixed with carbonated water, became...

a. Coffee

b. Ice Tea

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Engineer Richard James was developing springs that would keep equipment steady on ships. He knocked the spring off a ledge, saw the incredible way it moved and sold it as a...

a. Baby Bouncer

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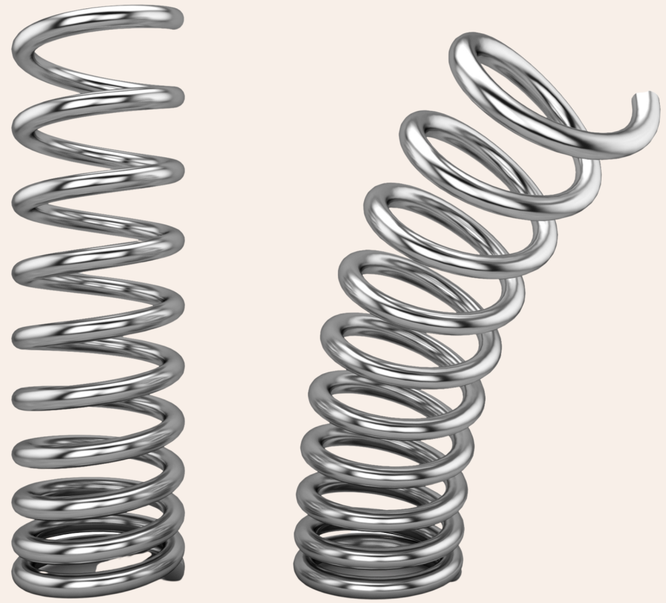

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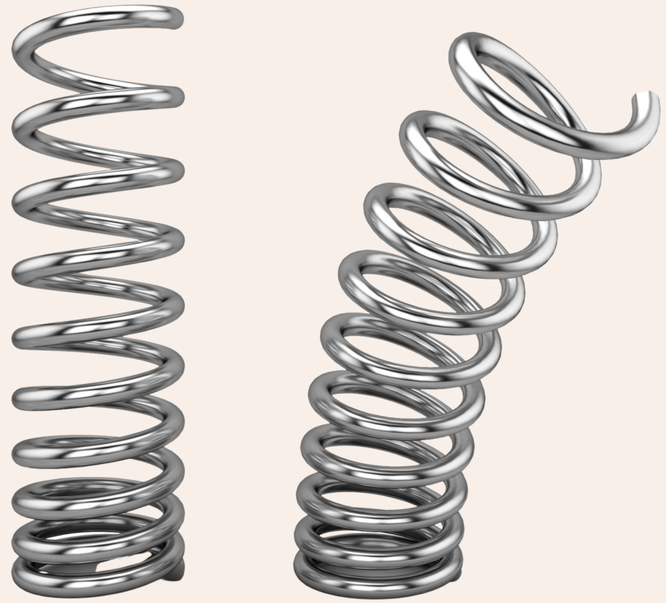

Q10

This children’s toy was originally invented as a product to clean stains off wallpaper.

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b. Slime

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b. Velcro

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a. Split Pin

b. Sewing needle

c. Paper clip

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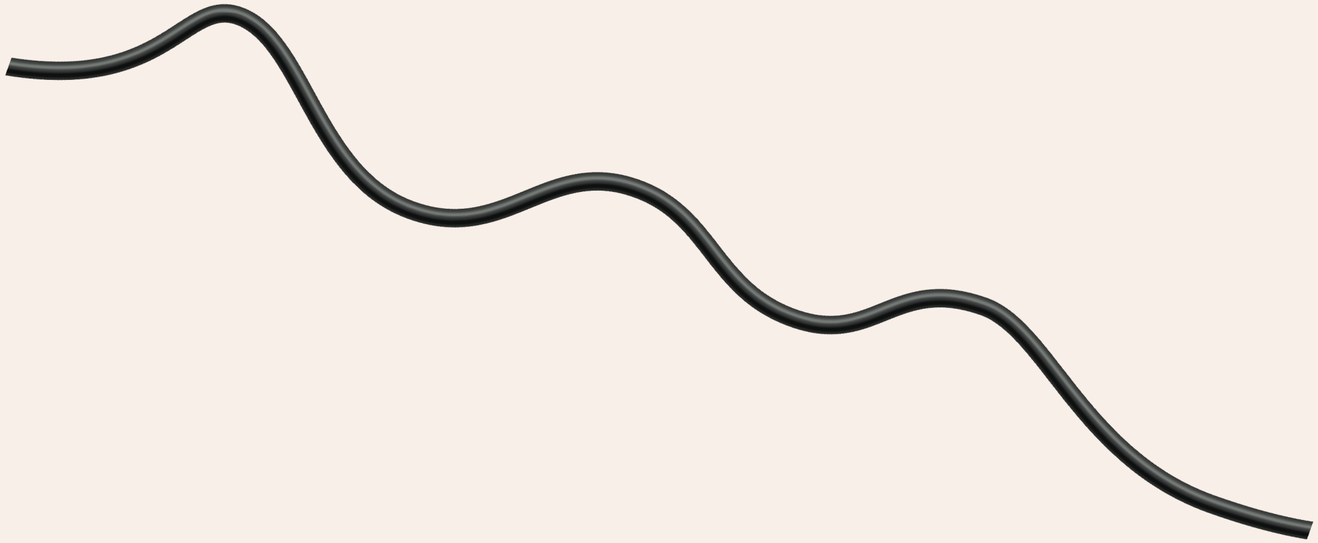

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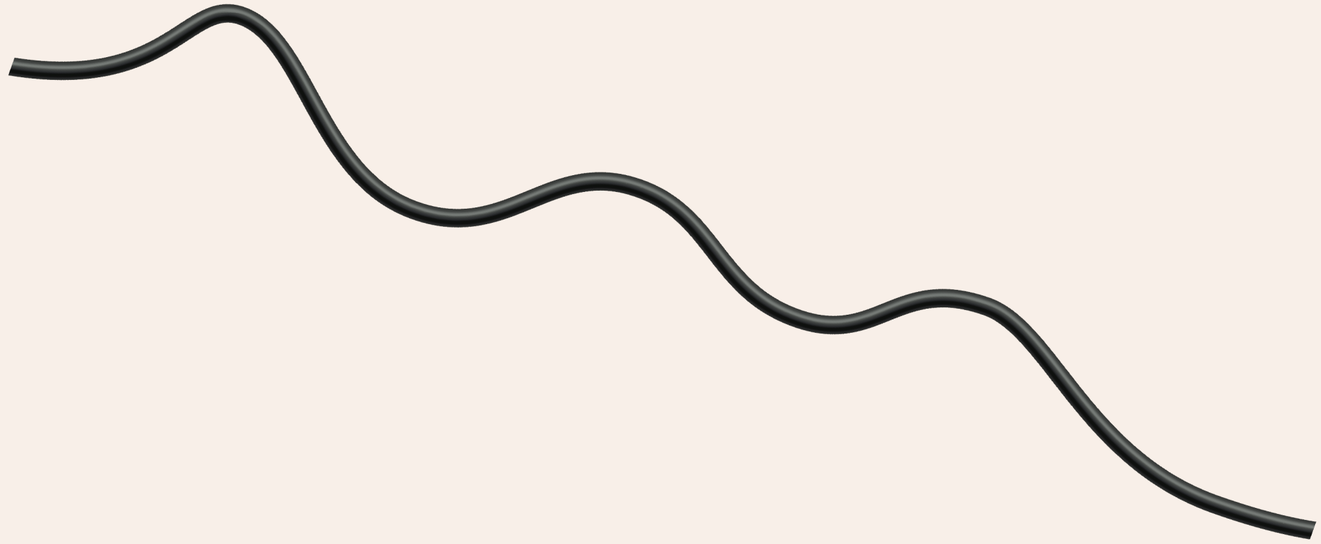

THE GREAT STEM QUIZ 2026 created by My Science Club

ANSWER SHEET FOR QUIZ LEADERS

ROUND 1 GENERAL STEM

1	Science. technology, engineering & mathematics
2	B - Binary
3	C - Attract & Repel
4	D - Carbon Dioxide
5	C - Richter Scale
6	D - Carry Oxygen
7	A Diamond
8	D - Marsupials
9	B - Herbivore
10	D - Saturn
11	C - Civil Engineering
12	C - Flowing Water

ROUND 2 WHAT'S THE QUESTION?

1	B
2	B
3	D
4	C
5	C
6	A
7	C
8	D
9	D
10	B
11	A
12	D

ROUND 3 ACCIDENTAL INVENTIONS

1	C - Radar System
2	B Corn Flakes
3	A - Velcro
4	C - Dynamite
5	B - Post-it notes
6	A - Penicillin
7	C - Crisps
8	D - Coca Cola
9	B - Slinky
10	A - Play Doh
11	A - Superglue
12	D - Safety Pin

My Science Club

We hope you enjoyed our Great STEM Quiz 2026

Why not pop along to *www.myscienceclub.com* and look for more of our FREE resources

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Ths QR code will take you straight there!