



Mathematics

GROVE LEA PRIMARY SCHOOL

LEAD – MRS HUDSON

What is maths?

Mathematics is the study of numbers, shapes and patterns. The **word** comes from the Greek **word** "μάθημα" (máthema), meaning "science, knowledge, or learning", and is sometimes shortened to **maths** (in England, Australia, Ireland, and New Zealand) or **math** (in the United States and Canada).

Famous Mathematicians

Katherine Johnson

Katherine Johnson spent 35 years working for NASA and developed a reputation for being a master at performing difficult and complex calculations.



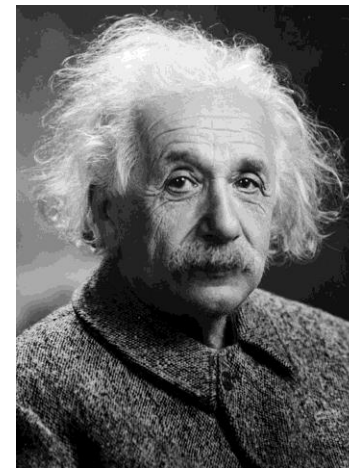
Pythagoras

Famous for his theories about shapes and triangles.



Albert Einstein

Famous physicist and mathematician



What is maths?

Calculating

adding
subtracting
dividing
multiplying

Counting

things
people
years
days
sheep

Changes

faster
slower
taller
heavier
longer

Shape

2D, 3D
designing
drawing
building

Games

puzzles
points
scores
personal best

Money

jobs
buying
selling
bills
pocket money
tax

Time

hours
minutes
seconds
milliseconds
time zones

Measures

height
length
weight
distance

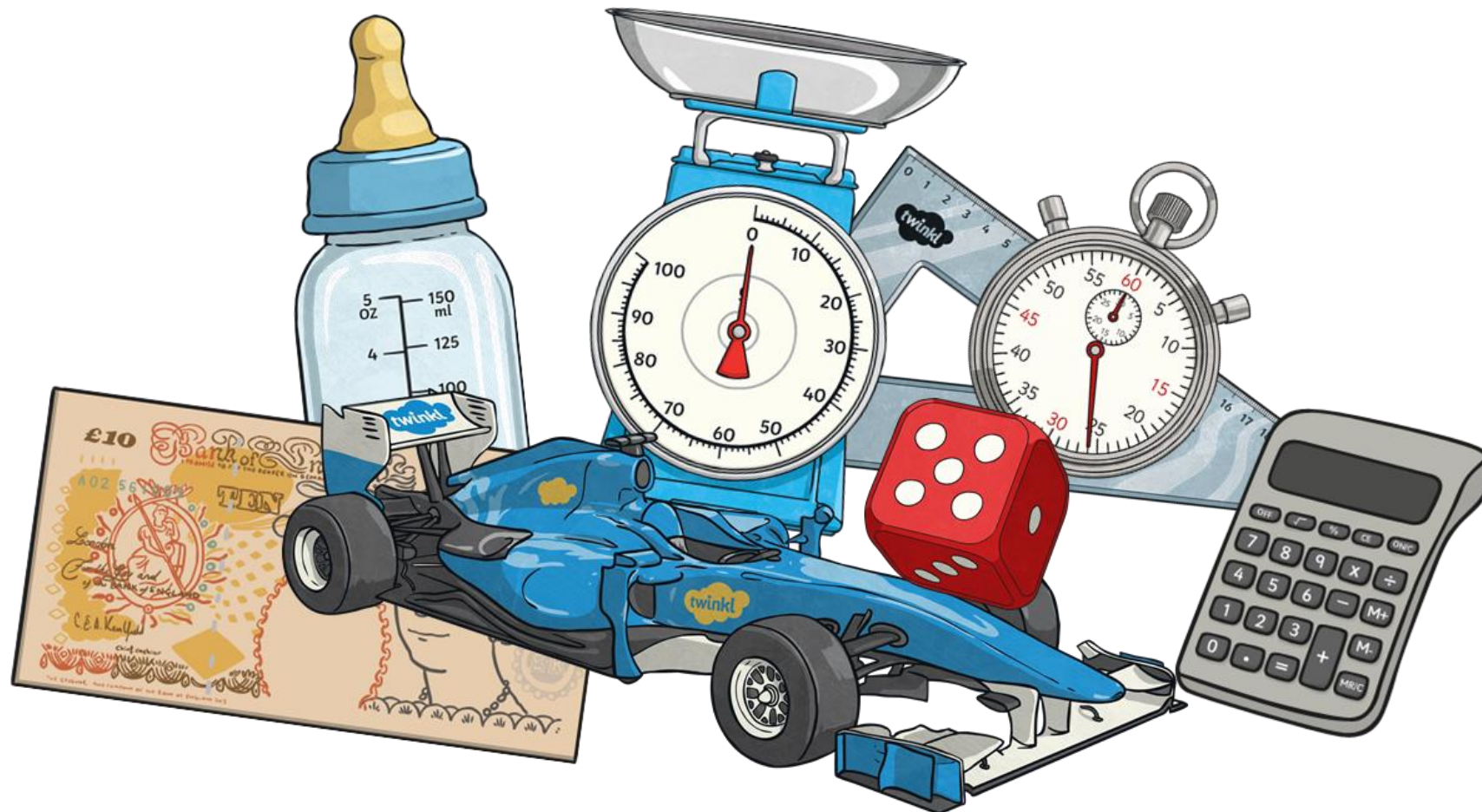
Problem Solving

How much?
How many?
How long?

Video – Maths is everywhere

<https://www.youtube.com/watch?v=aKjuyHz3MDI>

Maths is everywhere!



Find The Maths

Look around this room today - what maths can you spot?



What Did You Find:

- A clock?
- Some 2D or 3D shapes?
- The number of people?
- The size of the room?
- Anything else?

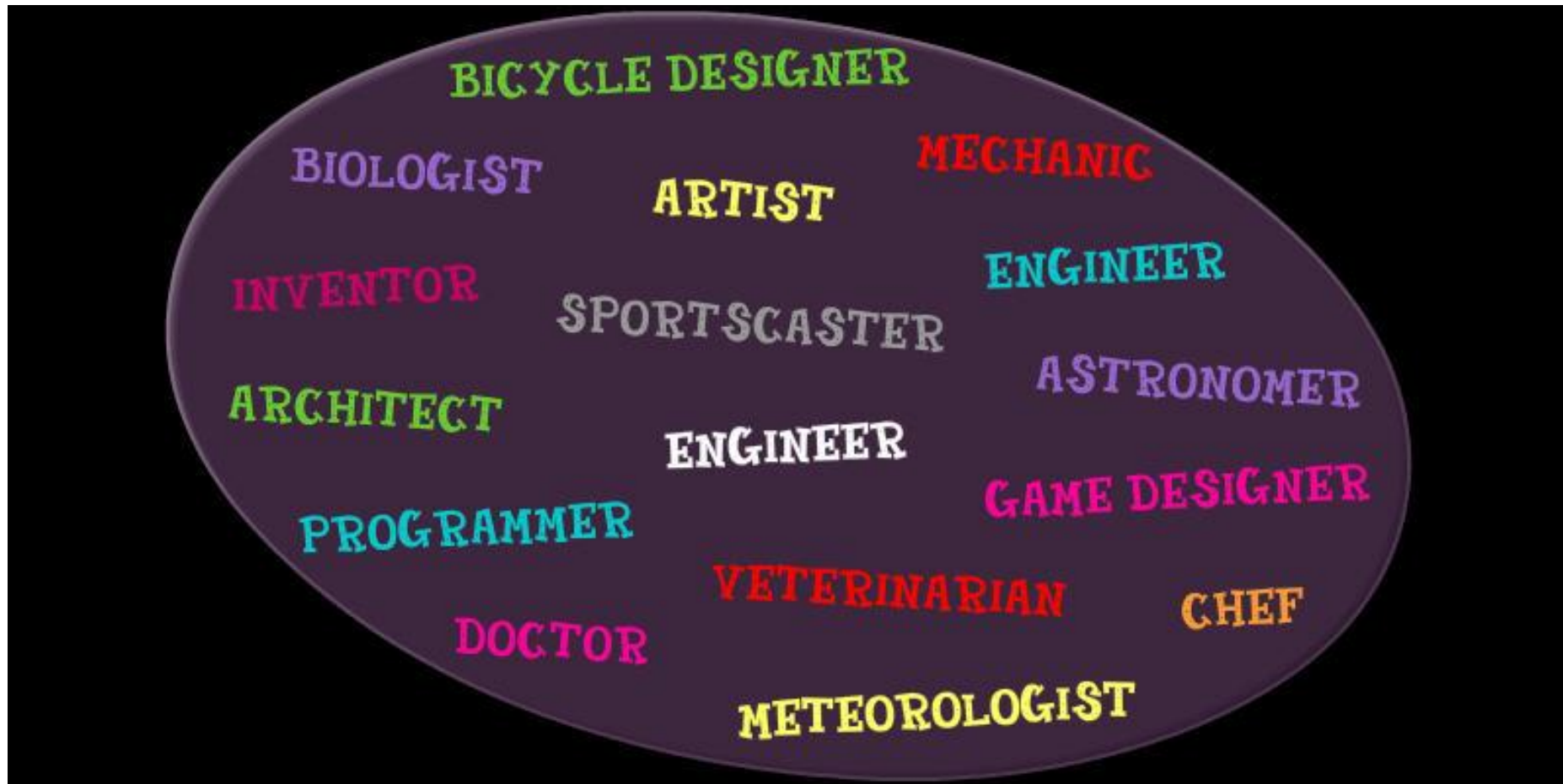
Reveal it

Think of a job which doesn't need maths

Everyone uses maths!



Jobs involving maths!



Skills needed to be a good mathematician

- ▶ A problem solver
- ▶ Be able to look for solutions
- ▶ Be resilient
- ▶ Have a go!
- ▶ Learn facts
- ▶ Follow rules

How can I get better at maths?

Practice!

Puzzles

Measure
ingredients

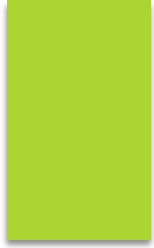
Play
games

Calculate
cost of
shopping

Bus/Train
timetables

How can I get better at maths?

- ▶ [TT Rockstars](#)
- ▶ [Numbots](#)
- ▶ [Hit the Button](#)
- ▶ [Mental Maths Train](#)
- ▶ [Oxford Owl - games and activities](#)
- ▶ [BBC Bitesize](#)
- ▶ [Big Maths](#)
- ▶ [1 Minute Maths](#)



Education is not the learning
of facts, but the training of the
mind to think. —Albert Einstein

**“Decimals
have
a point.”**

**“To learn
you must
want to
be taught.”**

Proverbs 12:1



