

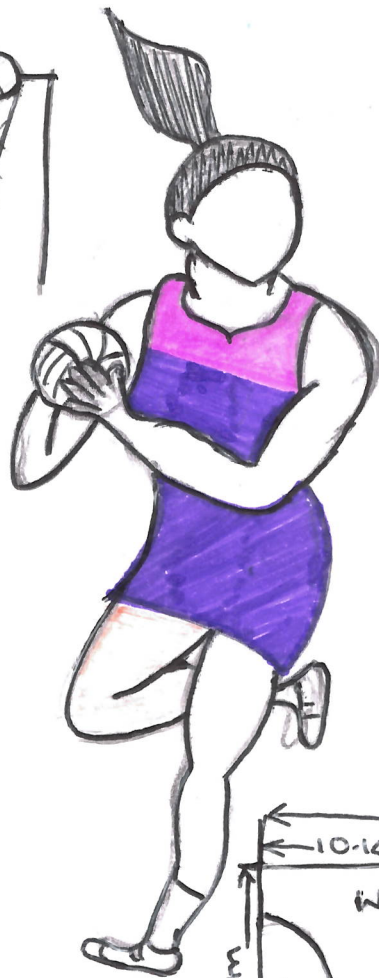
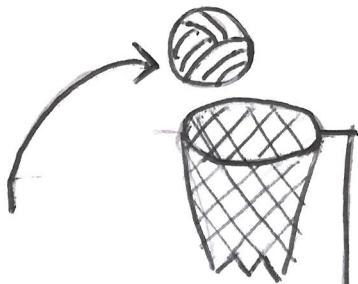
Number Heroes Competition

First name and age: Elva 7

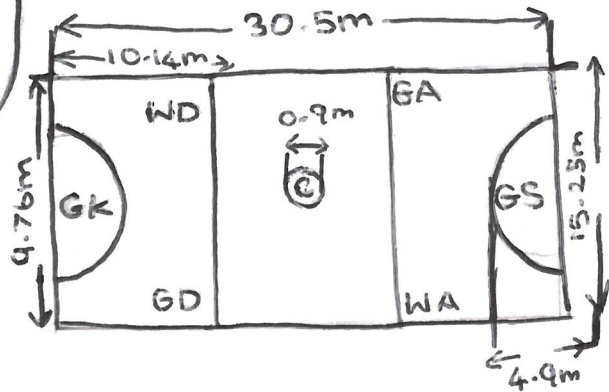
School and class: CCS 7-1

The way I would love to use numbers when I grow up is...

I will use maths in netball by calculating my landing when catching the ball and where in the court I can and can't go depending on my position as a netball court is split into thirds. Write here also I will calculate how long I have left of the match until quarters



690x710mm
(27-28 in)



Draw here



National Numeracy Day

Number Heroes Competition

First name and age: Ffion 12

School and class: Conbridge 7.2

The way I would love to use numbers when I grow up is...

To be a doctor

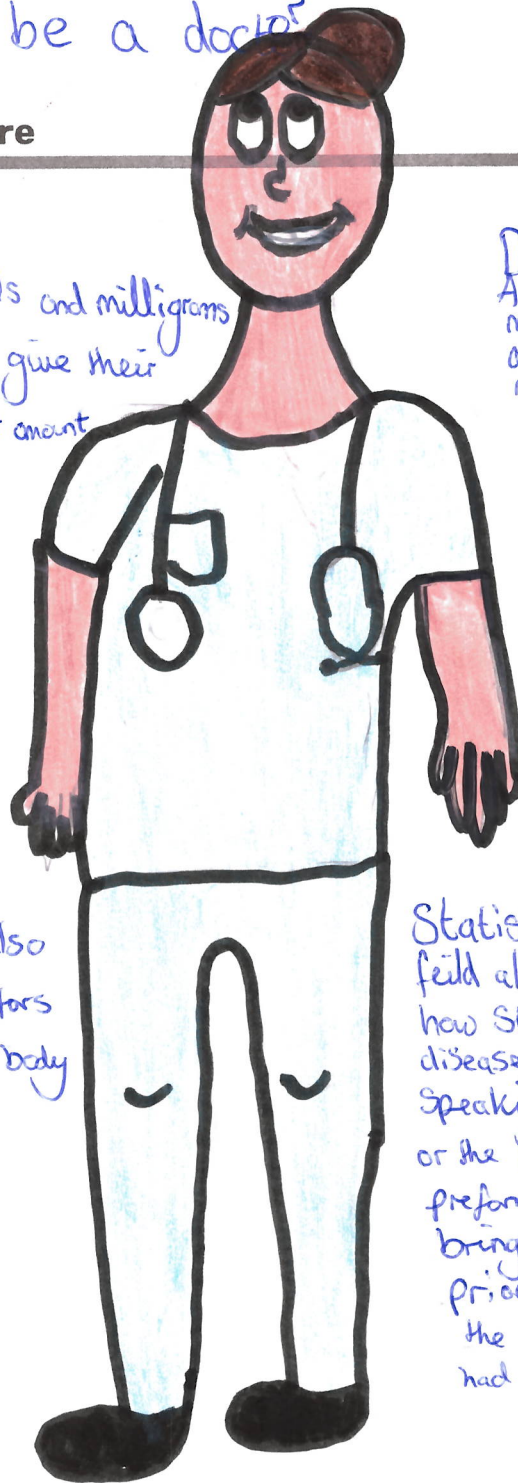
Write here

Converting pounds and milligrams and kilograms to give their patients the right amount of medicine

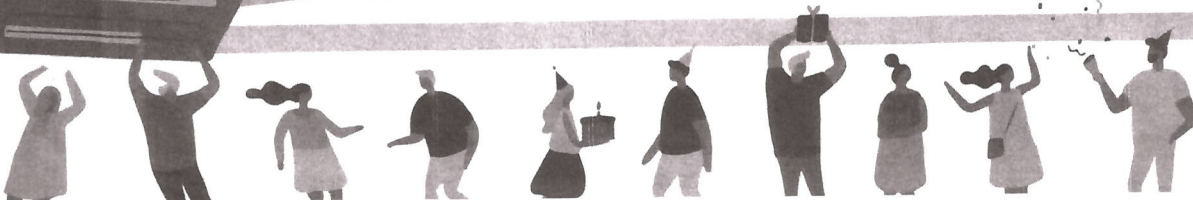
Doctors write prescriptions. A function that requires math skills, including adding, subtracting and multiplication

Measurement is also used because doctors need to measure body mass in medical terminology.

Statistics are used in health field all the time. One example of how statistics are used is with disease reporting. If doctors are speaking to other doctors, a patient or the family of a patient about performing surgery, the doctor brings up the statistics of prior surgeries, as well as the patients who have already had the same surgery



Draw here

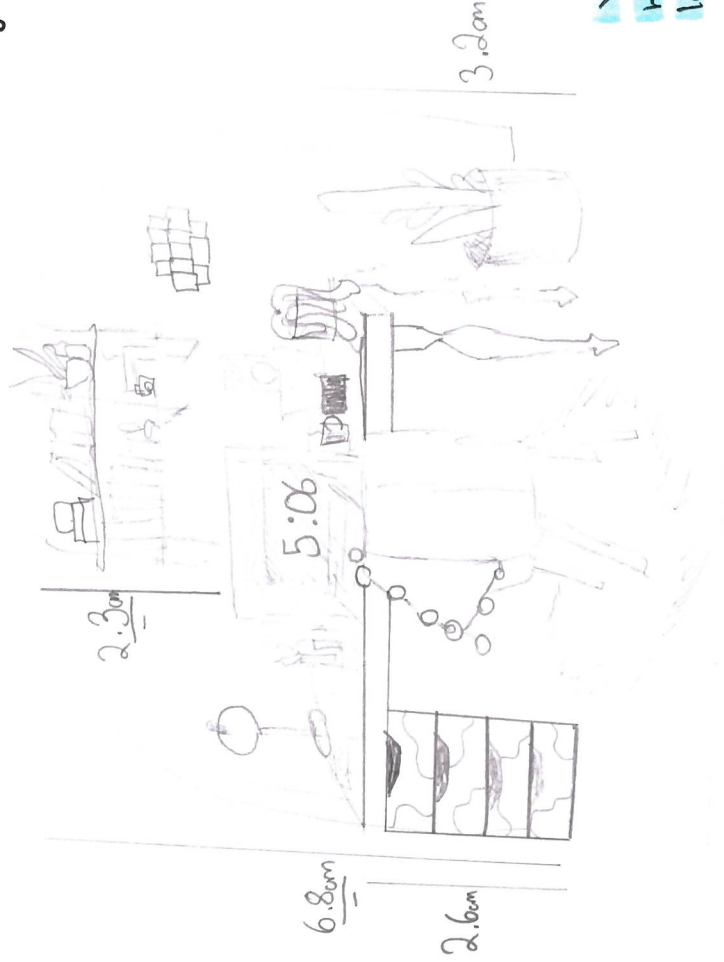


National Numeracy Day

DESIGN

What Maths will I need?

- Division and multiplication.
- Algebra for formulas in design.
- Geometry for special relationships in a room.
- Taxes, marking up material, payment plans!
- Computer aided design.
- Measuring sizes and heights.



$$\underline{\underline{9.8m}}$$

Calculating the measurements

Using numbers

FOR

awesome

achievements

♡ ♡ ♡

With interior design you use maths in hard and easy circumstances.

They

need to

know measures

of rooms, objects and lots more!

You need to learn

how to colour-

late money

and budget for

what you

can spend in the

house.

Number Heroes Competition

First name and age: Rosalie 11

School and class: Cambridge Comprehensive 7.4

The way I would love to use numbers when I grow up is...

Math plays an important part in being a fashion designer. It can be used to calculate the money needed for material, thread, hangers etc. Designers also use geometry to

Write here

Construct T-shirts, blouses & trousers. Designer need to ensure the seams are parallel in order for the shirt to hang correctly on the body.



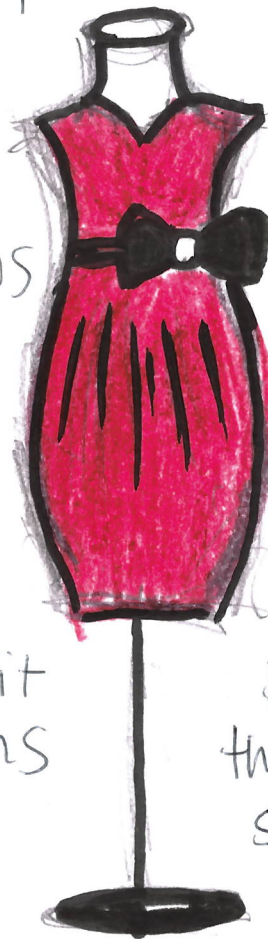
Draw here

area & perimeter

diameter

measurement

ratios



trim
pages

for the
factory

convert

flat garment

patterns into
three dimensional
shapes using
maths

algorithms

profit
sums

National
Numeracy
Day





MUSIC



Maths is in your everyday life and you don't even know it. For example

1

Music



2

How do you use maths in Music

you need to have good timing.

you need to be able to count rhythms.

How long to hold a note for is fractions.

You need to count rests bars of rest.

you need to count beats

You need to be able to space out your fing

4

+

÷

~~X~~

=

1, 2, 1, 2, 3, 4
♪♪♪♪♪
d.

MARINE BIOLOGIST

Population of Animals
Population calculations
Populations of animals

To calculate if animals need a captive population as well as a wild

Birth rate of Animals

To find out the population of animals

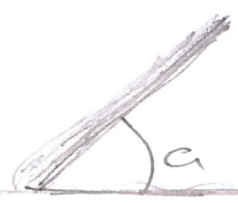
25%
75%
Percentages of animals

Technology for research

To work out how large the boat has to be

This is helpful to find out what ocean has the highest percentage of whales or other animals

$\alpha = 52^\circ$ average beach = 810

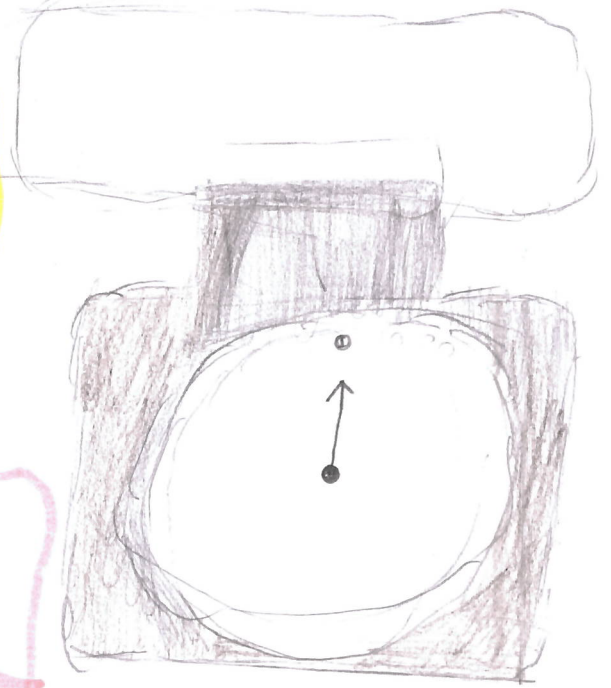


To work out the angle of a beach for a whale

COOKING

Isabella 0 7.7

Cooking uses math when you are baking and need to measure the amount of food and also weighing food.



you could use math by using grams or kg to measure.



For example, if your baking a cake you need to measure and weigh your ingredients.

20g of sugar



10/18

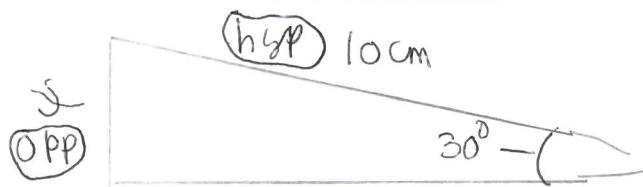
My Dream Job/Hobby:

Archaeology and History



Maths can be used in archaeology because if you are measuring out a dig site, you have to use area and perimeter. Also an archaeologist must use trigonometry to create baselines and grids for excavation or geophysics.

Example of Trigonometry:



$$\sin = \frac{\text{OPP}}{\text{hyp}}$$

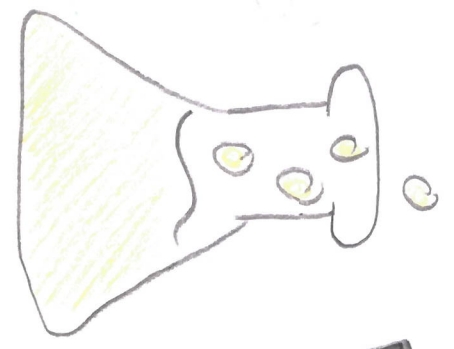
$$\sin 30^\circ = \frac{5}{10}$$

$$5 = 10 \times \sin 30$$

$$5 = 5m$$

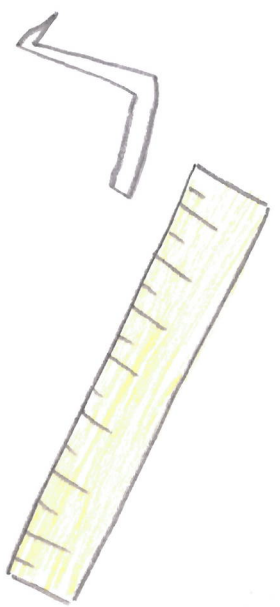
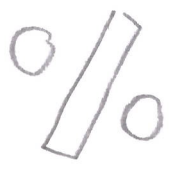
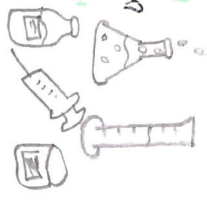
Veterinarian

Science / Medicine



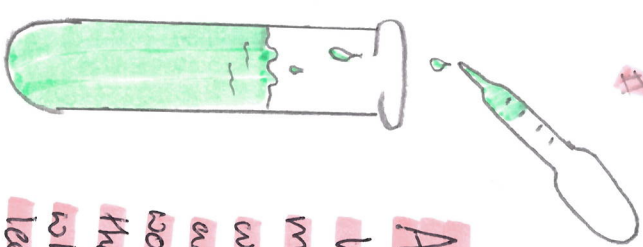
Medicine

Vets need to know and use maths when using medicine so they can measure the correct dosage to help and not harm the patient.



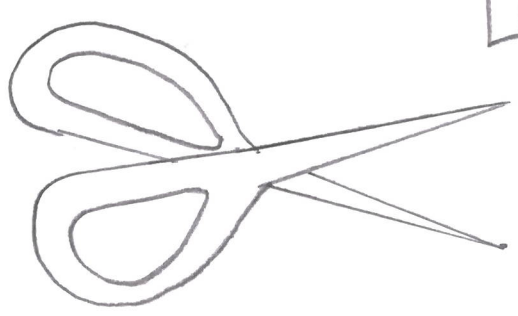
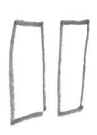
Growth

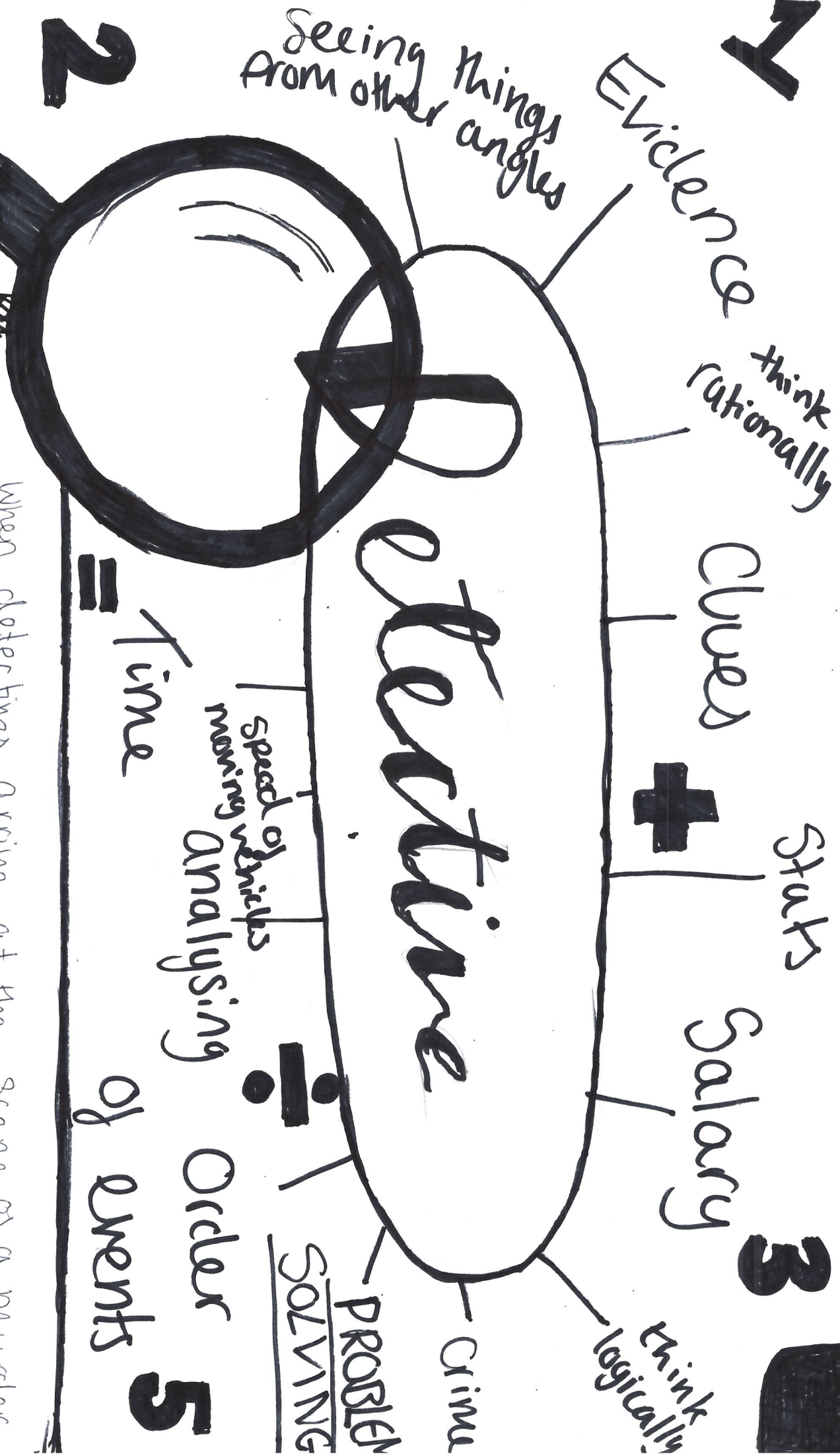
Vets need to use maths when weighing and measuring animals to check that they are happy and healthy.



Addressing Wounds

Vets need to know maths when assessing wounds so they can know the width, depth and length so they can mend the wound.





When detectives arrive at the scene of a murder, they get given clues and evidence like murder weapons and even tiny hairs! They also have to order events, check the time and earn your salary.

an astronomist

I would look through my telescope and I would:



The camera attached to the telescope records numbers, like the type of light in a star or how much light in a star

- ★ Measure stars - ★
- ★ And how far - ★
- ★ away, stars - ★
- ★ are - ★



MATHS
maths

Number Heroes Competition

First name and age: Imogen, 7

7-4

School and class: 7-4

The way I would love to use numbers when I grow up is...

To tell the time to arrive on time,
and I will need maths for my
future job.

Write here

How long does my shift last?
What angle should the ~~dog~~ animals teeth be?
How much income do I need to make, to get a prophet.
How much do these medicines cost?
How much medicine or pills do these animals need?

vet

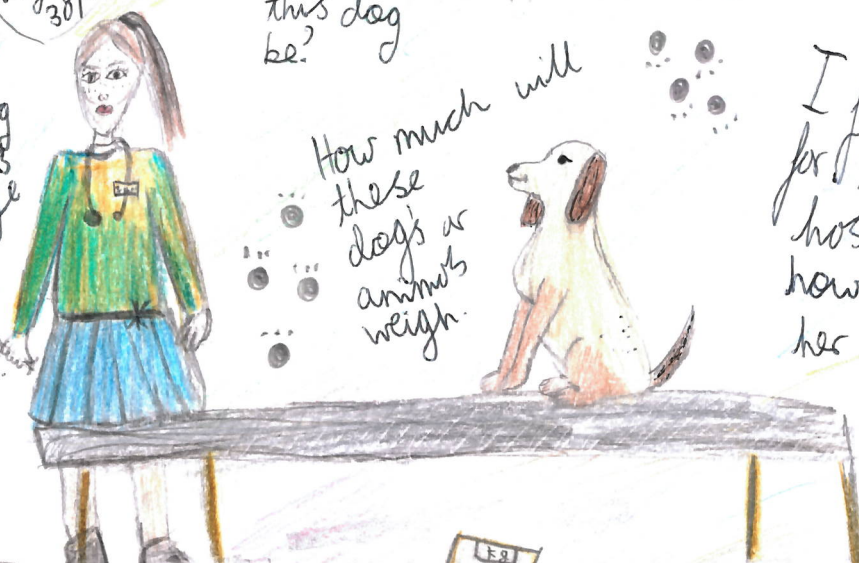
How much of the medicine do I need to give him if he weighs 30 pounds.

How tall should this dog be?

How long will this syringe be if the glass is 9cm thick?

How much will these dogs or animals weigh.

If the owner for this dog has a 50% discount how much will her visit cost now?



Draw here



National Numeracy Day

Number Heroes Competition

First name and age: Sienna, 11

School and class: Cowbridge Comprehensive, 7.1

The way I would love to use numbers when I grow up is...

Writing music because it helps me understand many concepts in music like: Sound waves, vibrating strings, rhythm and scales. Understanding math will help me to compose my own unique pieces of music.

Write here



Draw here

AND EVEN VOCAL
WARM UPS!

