



Farm Safety Guide and Handbook



**Suitable for
5th and 6th
Class pupils**

CONTACT NUMBERS

Please fill in your contact details below.

Name: _____

Address: _____

Eircode: _____

Tel no: _____

Trainer: _____

USEFUL NUMBERS

Emergency Services

999

112

National Poison Helpline

01 809 2166

(7 days / 24h)



FARM VISIT CHECKLIST

Lets plan our farm visit with this handy checklist.

What kind of farm is it?



Other type: _____

What is happening on the farm?



Other: _____

How busy will it be? *(Choose from the scale)*



Not busy



A little bit busy



Quite busy



Getting very busy



Very busy

What do I have to bring and wear?



Notes: _____

Know your farm signs

The Signs

Safety signs use different colours and pictures to help us stay safe. Look at the different signs and learn why some are **blue**, some are **red**, some are **green** and some are **yellow**! The hand signs to help you remember!

Red Circle



No



Yellow Triangle



Careful Warning



Blue Circle



You have to



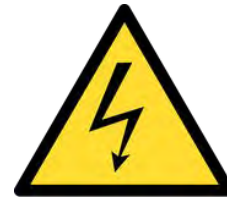
Green Rectangle Square



You can
Go
Yes
Exit



On your farm, what kind of signs will you see and what do you need?



Electricity Safety

Electric Fences

Farmer use electricity for loads of things on their farms.

Is electricity being used in carry out the jobs in the pictures below.

Put a **Y** or **N** in the box beside each picture then discuss your answers.

Fencing

☐

Grooming

☐

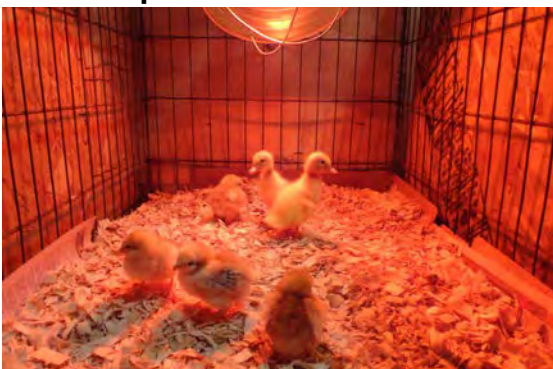
Driving

☐

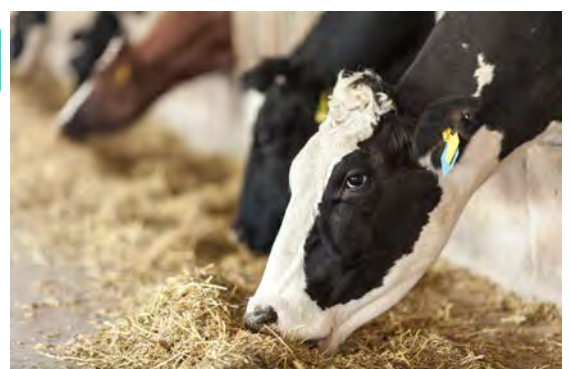
Shearing

☐

Heat lamps

☐

Feeding

☐

Dairy Parlour

☐

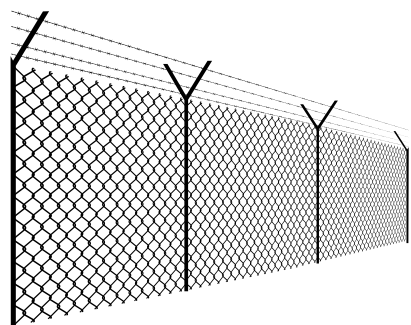
Your Farm - Where is the electricity?

Slurry & Water Safety

Water Safety

Farms can have many water hazards. In the picture below, circle potential dangers. Discuss what the farmer can do to prevent an accident.

The pictures underneath might help!



Slurry & Water Safety

What is slurry

Slurry is the poo and wee from cows. We can also use slurry from pigs and chickens.

Slurry is stored in a tank or a lagoon on a farm yard.



What is slurry used for.

Slurry is a great fertiliser and full of nutrients to help our crops and grass to grow.

Agitation is when we mix and churn slurry before spreading it on our fields with a spreader.



How is it dangerous?

As well as being a drowning hazard, the bacteria in slurry produces a very toxic and invisible gas called Hydrogen Sulphide, H₂S.

At a high level, this gas takes away our sense of smell & just one lungful can be fatal. The gas is released during agitation.



Match the number with the correct picture.

1. Storing slurry
2. Mixing slurry
3. Spreading slurry

How can farmers stay safe?

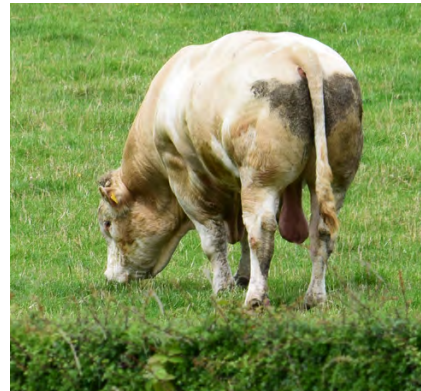
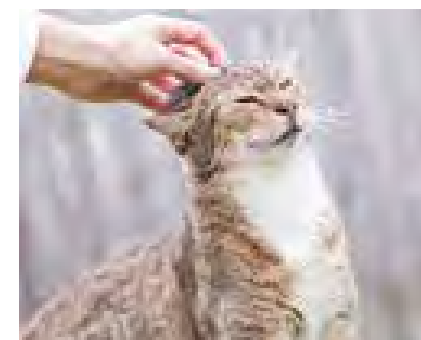
1. Agitate on a windy day
2. Put all animals outside
3. Open all doors to allow air flow
4. Keep away from the area for up to 1 hour during agitation..



Animal Care

Animals will behave a certain way to let us know how they feel. They will use sounds, their ears and tails.

Now take a look at the animals below and discuss how each are behaving and how they might be feeling. Put  for those animals that look angry and a  for those animals that look happy.

☐☐☐☐☐☐☐☐

Cows & Bulls

Many farmers keep cows and bulls. Farmers must always be careful when working with their animals, especially when they are with their young. A cow with new calves can be very cross as she is minding her new calves.

Fill in the blanks.

A _____ is put in a bull's nose so they can be led.

(tissue; ring; tag;)



A cow with a new _____ can be very dangerous

(piglet; lamb; calf)



True or False

A bull does not like the colour red T F

A bull pawing the ground with his hoof is a sign of danger T F

A cow's new born is called a calf T F

It is ok to enter field with a bulls and cows T F



Farmers should always put a sign up to warn people if there is a bull in their field. T F

***Did you know:
A freshly calved cow
causes more livestock
injuries on Irish farms
than a bull***



Answers:
Calf; Ring; False; True; True; False; True

Horses

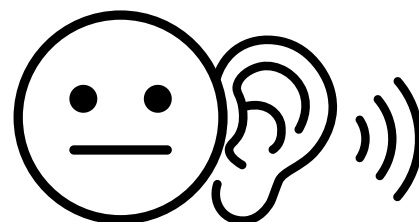
Horses use their ears and tails to communicate. Look at the pictures below to see how the horses feel. Then match the emoji face to the right picture.



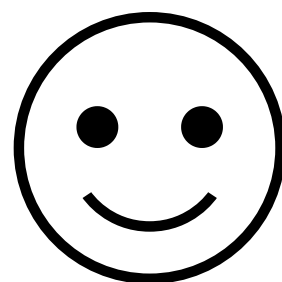
Forward: Happy & alert



To the side - Sleepy



Twisting - Listening



Back - Scared or angry



Horses

Hand feeding

If you are feeding a horse a treat, make sure to keep your hand nice and flat!

Suitable Handfed treats

- Apple pieces
- Carrot pieces
- Polo mints
- Treats bought in equine stores
- Horse nuts / cubes

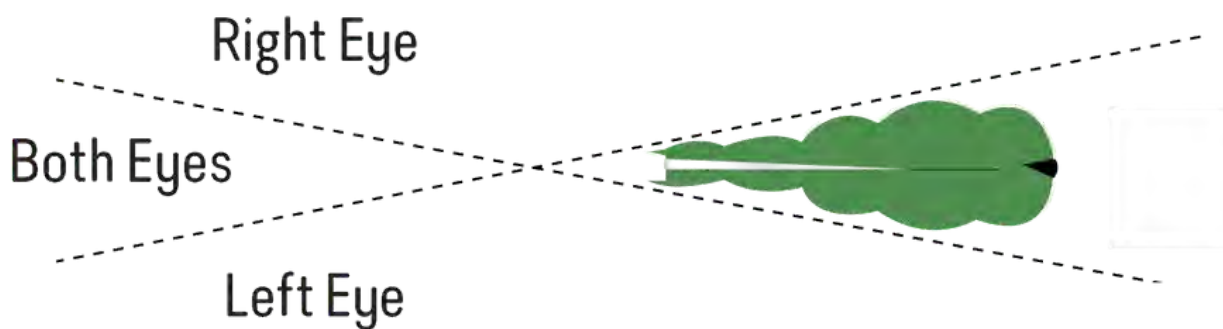


Which picture is correct? Place Y or N in the box. As a group practice the correct way to feed a horse.

☐☐

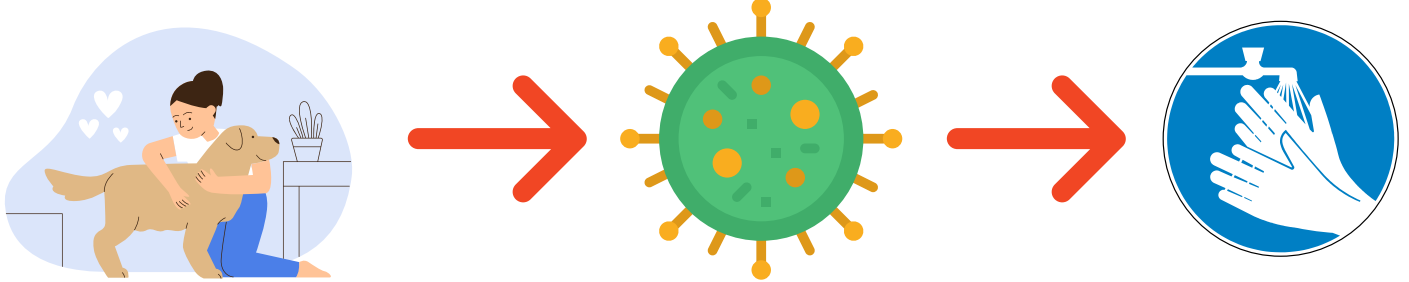
Never walk behind a horse!

They cannot see you and you could get kicked. Place X in the area where a horse could kick you.



Zoonoses

Sometimes animals can pass diseases to people. So after touching animals or being on a farm always wash your hands. This makes sure we are healthy.



Get some water, not too hot

Add the soap, quite a lot

Now clean on top and in between

Twist those hands, they're NEARLY clean

Clean each thumb, one by one

Finger-tip twists, we're nearly done

Rinse them off and dry up too

They're clean, we're done good for you!



Tractors & Machinery

Tractors and machinery at Work

Take a look at the pictures below of tractors and machinery at work. Do you know what jobs are taking place and why? Use the list underneath to help you.

Spreading Slurry | Baling Hay | Ploughing | Spraying | Harvesting| Cutting Silage



Tractor Rules

Did you know you have to be a certain age before you can operate or travel in a tractor. See the table below to help you remember.

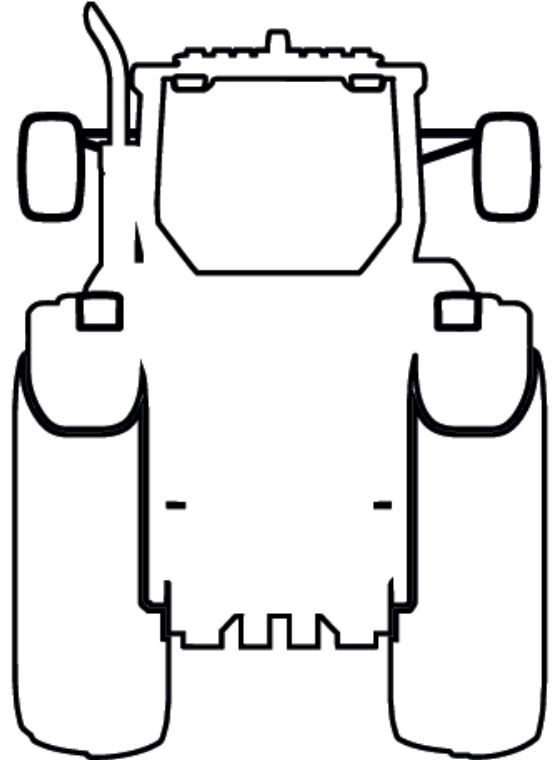
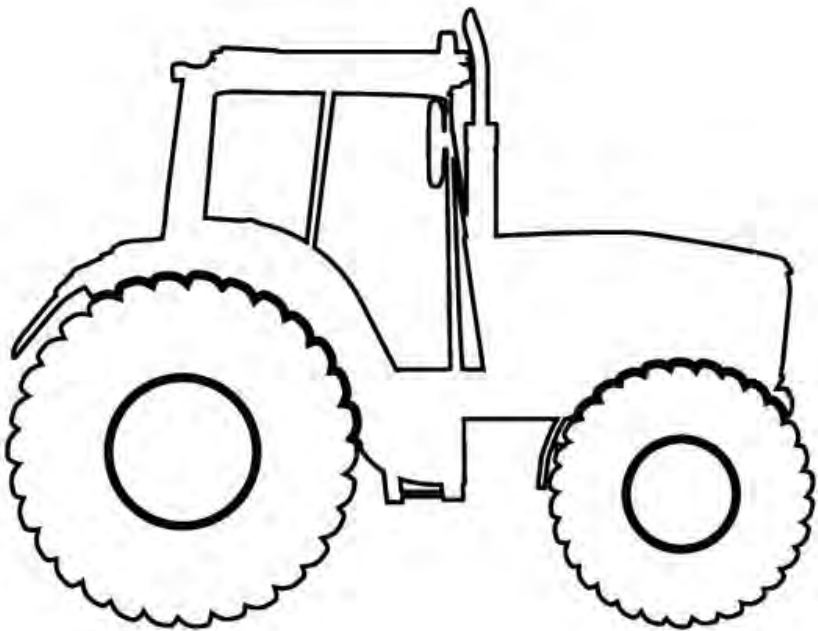
AGE	RULE	Where
<7 YEARS OLD	Not allowed to ride in a tractor	Ireland
<13 YEARS OLD	Not allowed to ride in a tractor	UK
>7 YEARS OLD	Allowed to ride in a tractor if there is a passenger seat & seat belt	Ireland
>13 YEARS OLD	Allowed to ride in a tractor if there is a passenger seat & seat belt	UK
>14 YEARS OLD	Allowed to drive a tractor. EXCEPT on public roads	Ireland / UK
>16 YEARS OLD	Allowed to drive a tractor on roads. Need a licence and training	Ireland / UK
EVERYONE	Seat belts must be worn by everyone travelling in a tractor.	Ireland / UK

Tractors & Machinery

We must never get too close to a moving tractor. The farmer will not be able to see you or hear you. At the **back, side and front** of the tractor are the **blind spots**. That means you cannot be seen in these places.



On the tractor below put X where you think the blind spots are.
Now add your favourite tractor colour or brand.



*Remember: Always keep back from
working and moving farm machinery!*



Tractors & Machinery

Tractor Safety Checklist

All farmers should check their tractor before using it! Number the checks below in the empty boxes. Discuss your answers.



1. CHECK TYRES – good tyres = good control.
2. CLEAN CAB STEPS - so no-one slips on the mud.
3. APPLY HANDBRAKE – this prevents the tractor rolling.
4. CLEAN CAB FLOOR – Rolling bottles can jam under pedals.
5. CLEAN WINDOWS & MIRRORS- so the farmer can see.
6. CHECK LIGHTS - so the farmer can see & everyone can see the tractor.
7. P.T.O. - correctly fitted and covered with safety chains.



Remember: Always keep back from working and moving farm machinery!



Tractors & Machinery

Safe Stop Procedure (STOPIT)

The 'Safe Stop' procedure helps farmers stop and park their tractors safely. To help everyone remember, AgriKids calls 'Safe Stop', **STOPIT**

S Stop tractor & reverse park.	T Take up / or turn on handbrake	O Out of gear and in neutral.	P Put the loader down.	I Ignition off.	T Take out keys.
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Quad Bike Safety

Quad bikes, also known as all-terrain vehicles (ATVs) are used on many farms. They help farmers transport food to animals, check on livestock and fields. To help us stay safe, lets all remember our 'ATVS'

A is for Age Quads used on farms are only to be ridden by those aged 16 years or more!	T is for Training Since November 2023 it is now the law that everyone using a quad bike are properly trained to do so.	V is for Visual Inspection Farmers check tyres, electrics, fuel, water and oil levels. Also make sure there is no damage.	S is for Safety Equipment Make sure to always protect yourself when using a quad bike. See the list below
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Personal Protective Equipment, (P.P.E.)



Helmet: Protects from serious injury.

Boots: Provides better grip.

Long sleeves and trousers:
Protects against cuts and scrapes.

Gloves:
Easier to grip and keep the farmer warm in winter.

Sunglasses: Help see on sunny days.

Hi Vis: Helps everyone see you!

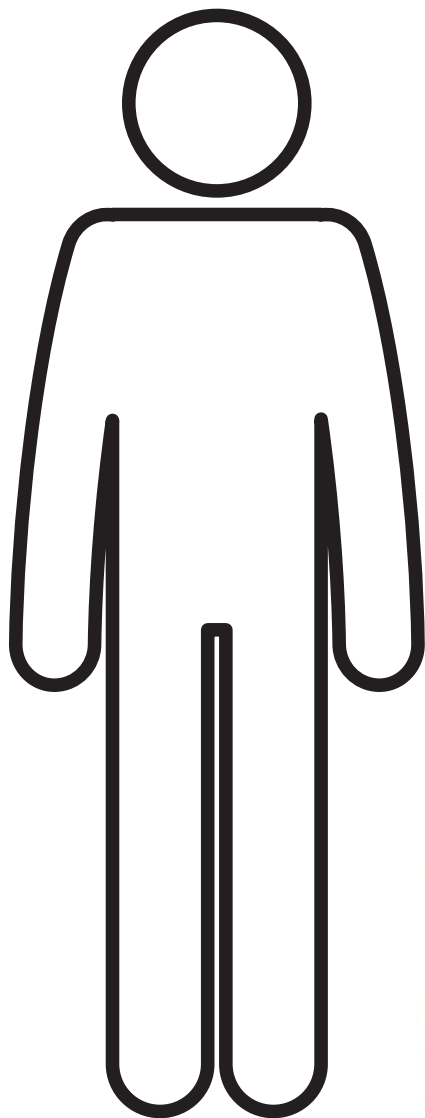
Remember: Quad bikes are not designed to carry passengers as they add weight to the vehicle, making it harder to control and more likely to tip over!!



Tractors & Machinery

Match the safety item

Can you help the farmer get ready to use their quad by circling the item they should wear!



Tractors & Machinery

Power Take Off (PTO)

What is a P.T.O

P.T.O stands for **Power Take Off**.

What does it used for?

A P.T.O takes power from a tractor so the farmer can use (power) other equipment and machinery such as agitators and balers.

Why is it dangerous?

The P.T.O. turns extremely fast, approx. 9-16 times per second.

How can farmers stay safe?

- Be sure P.T.O guards are fitted, in good condition and use the safety chains
- Start and stop the P.T.O. from the tractor seat
- Do not wear loose fitted clothing
- Detach or remove draw strings from sweatshirts and jackets
- Tie back long hair
- Never walk over a P.T.O. - Walk around it



Scs: NCSC.gov



Tractors & Machinery - QUIZ

Staying safe around tractors I

Can you help the farmer by telling them what is safe and what is not safe.

Place a **✓** or an **✗** in the box. Discuss your answers.

☐☐☐☐☐☐

Can you answer these questions to our tractor rules.

How old do you have to be to travel in a tractor in Ireland?

7

17

70

To travel in a tractor there must be a passenger s _ a _ and a seat b _ l t.

To drive a tractor on the road you must be

6

16

60



Answers: 7; seat & belt; 16

Wellbeing

Weather

Eating good food, exercise and wearing clothes to protect against the weather is important for everyone, not just farmers. Take a look at Friday & Wednesday's weather & circle what the farmer must wear on each day. Discuss your answers at home or in a group.



Mon



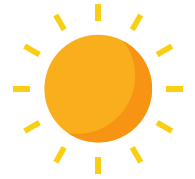
Tues



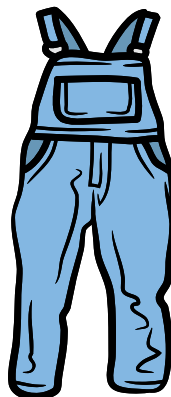
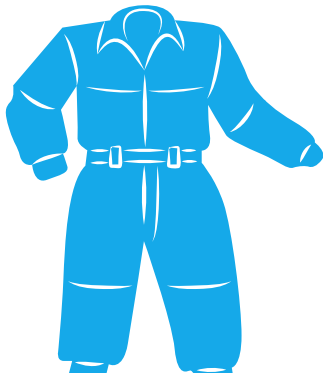
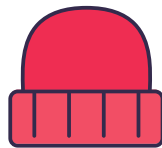
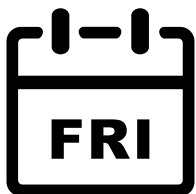
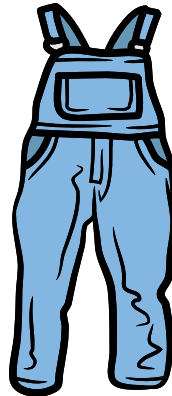
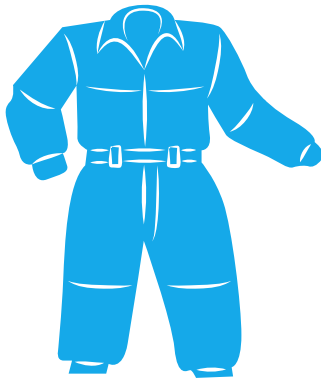
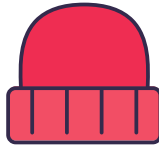
Wed



Thurs



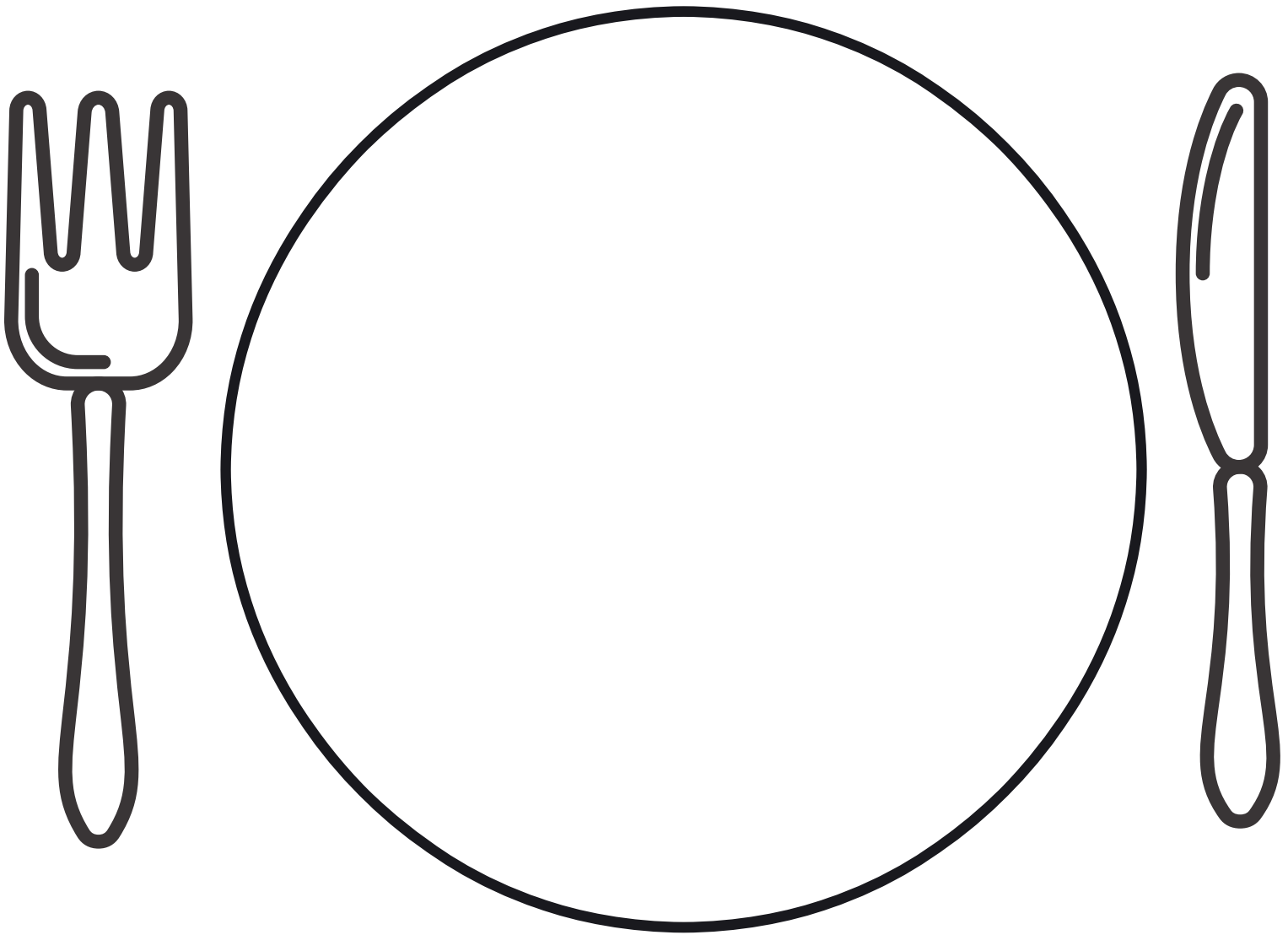
Fri



Wellbeing

Diet

Can you help the farmer choose what to have for a healthy dinner. You can draw the items onto the plate below. Remember to colour and to create a rainbow on the plate





AgriKids Farm Safety Ambassador

CERTIFICATE OF ACHIEVEMENT

this certificate is proudly presented to

For completing the AgriKids handbook and
showing excellence in their knowledge and
awareness of farm safety practice and behaviour.

A handwritten signature in black ink, reading 'Alma Jordan', positioned above a horizontal line.

Alma Jordan
Founder



Certified
Date

Engage | Educate | Empower