



#FutureFarmingFriday

Key questions

What will farming in the future look like?

How will technology help farmers?

What skills will farmers of the future need?

Are robots the future of farming?

Instructions

With advances in technology, it is important for pupils to understand what farming and food production looks like now and how this could change. In the future, farming could be more about technology than humans.

Use extracts from this [video](#) (without audio) to show pupils how farming is becoming more technological. Pupils discuss which of the robots in the video is their favourite, what is the robot doing and how is this helping the farmer.

You could also...

Pupils design their farm of the future. What would they grow and what animals would they rear? How would they make sure that they are looking after the environment, could they reuse rainwater? Use renewable energy?

Make it simpler

Pupils design their own farm robots, perhaps to collect eggs, pick an apple or weed a field. What would it be called? What features would it have and how would it help farmers?

Make it harder

Pupils annotate an outline of a farmer, with the knowledge, skills and passions of a future farmer, for example, programming a robot and interpreting satellite imagery (#TechyTuesday).

Find out more

[Climate change and agriculture | Countryside Classroom](#)

[People who work in the countryside | Countryside Classroom](#)

[Future Farming | Countryside Classroom](#)

Resources required

- A3 paper and pens
- Food and farming industry video to show how food is currently produced and how this will change – link in the text

What do you think?

Will technology eventually replace farmers?

