

Meet James.



The farm has 500 acres of land, which is equivalent to 278 football pitches.

He and his brother are the owners of Badenheath Dairy Farm.



The main farm building is made out of recycled stone from the castle that was originally built on the site in 1661.

Before him, James' Grandfather had 22 cows that he milked by hand. He turned the milk into butter with his horse-drawn butter churn.



James is very passionate about sustainability.



He uses water to cool the milk, then uses the same water to wash up the machinery, then again to wash the floors, before it is finally combined with the muck on the floor and turned into fertiliser.

James recently introduced a cow brush machine onto the farm. The brush turns on when the cows nudge it and it keeps them clean and helps with their circulation.



Nowadays, the farm has lots of new features. They have built a few more buildings, have a lot more machinery and introduced sheep onto the farm about 30 years ago.

QUESTION TIME!



Read about James and Badenheath Farm then have a go at answering the following questions:

- 1. How much land does James farm?**
- 2. What is the main farm building made from?**
- 3. How many cows did James' great grandfather have? What did he do with their milk?**
- 4. Can you name 4 ways that water is used and reused on the farm?**
- 5. What new technology did James introduce on the farm? Can you remember what it does?**