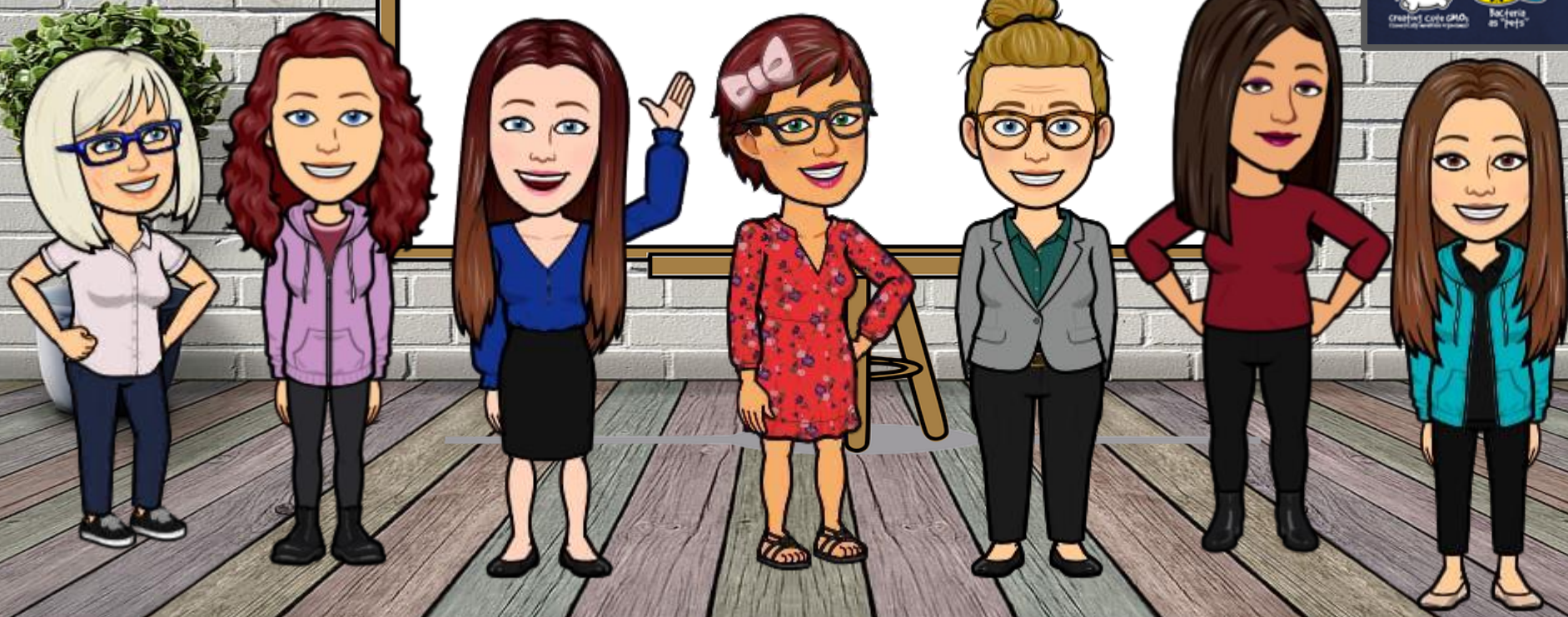




Welcome to Science!





What will I learn about in science?

Biology - the study of living things.

- In Year 7 you will study Cells, Reproduction and Ecosystems.
- In Year 8 you will move on to learn about Digestion, Respiration and Evolution.
- Year 9 areas of study are Breathing, Inheritance and Plants.

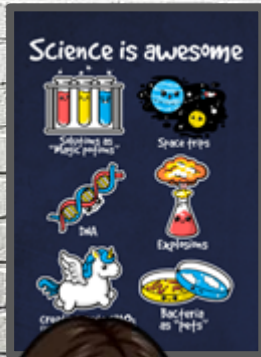




What will I learn about in science?

Chemistry - the study of chemical interactions.

- In Year 7 you will study Particles, Acids & Alkalis and Rocks.
- In Year 8 you will move on to learn about Elements, Compounds & Mixtures, Chemical Reactions and Energy Resources.
- Year 9 areas of study are The Periodic Table, Reactivity and Climate.

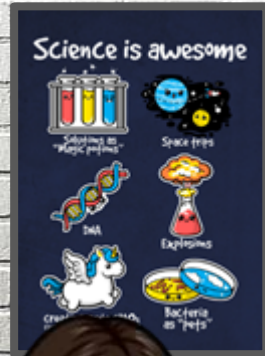




What will I learn about in science?

Physics - the study of the non-living environment.

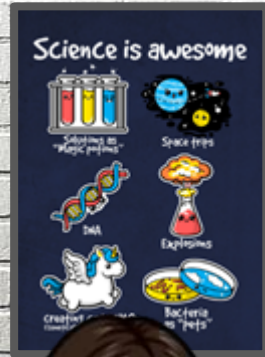
- In Year 7 you will study Forces, Energy and Sound.
- In Year 8 you will move on to learn about Speed, Heating & Cooling and Light.
- Year 9 areas of study are Pressure, Wave Properties and Electricity.





Who teaches in the science department?

- **Mrs Wright** - Teacher and Head of Science
- **Mrs Bennett** - Teacher
- **Mrs Tang** - Teacher
- **Mrs Ward** - Teacher





Who else is in the science department?

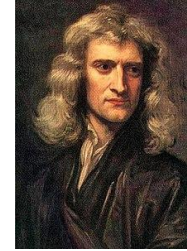
- Mrs Rudin - Technician
- Mrs Pettitt - Technician
- Mrs Pegg - Teaching assistant





Mrs Wright

- My favourite scientist is [Sir Isaac Newton](#).
- He developed several scientific principles that underpin our current understanding of the world including the 3 laws of motion, the law of gravity, calculus and light.
- He overcame a lot of adversity in his life. He was born prematurely, was brought up by his grandparents after his father died, was bullied at school and worked as a valet to pay for his university studies.





Mrs Bennett

- My favourite scientist is 18 year old [Mya-Rose Craig](#), AKA Bird girl.
- In 2016 she setup Black2Nature with the aim of getting more ethnic minority people engaged with nature.
- Being a scientist can take many forms and there are lots of scientific actions taking place right now - being young doesn't mean you can't have a positive impact on your community.





Mrs Tang

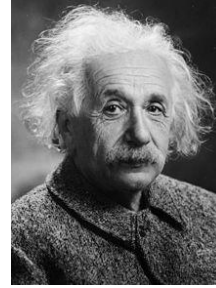
- My favourite scientist is [Katherine Johnson](#).
- She was an excellent mathematician and worked for NASA as a 'computer'.
- Her calculations enabled NASA to put an astronaut in orbit and eventually on the Moon.
- She faced a lot of prejudice but didn't let that stop her becoming successful.
- She died earlier this year at the age of 101.





Mrs Ward

- My favourite scientist is [Albert Einstein](#).
- He achieved success having overcome adversity in his own life.
- He was on the autistic spectrum and his Asperger's gave him a different perspective of the universe.
- Having escaped persecution in Nazi Germany, his theories have helped us to understand space and time.





Mrs Rudin

- My favourite scientist is [Prof. Stephen Hawking](#).
- He performed groundbreaking work in physics and cosmology, and his books helped to make science accessible to everyone.
- At the age of 21 he was diagnosed with a type of Motor Neurone Disease and given two years to live.
- He escaped the limits of his disability by training his mind to work in a new way; some of his colleagues have suggested that this way of thinking led to his greatest discoveries.





Mrs Pettitt

- My favourite scientist is [Dame Jane Goodall](#).
- In 1960, she moved to Tanzania in Africa to study chimpanzees.
- Her groundbreaking discoveries about chimpanzee behaviour completely changed the way people thought about them.
- She campaigns to educate the public about wild chimpanzees' endangered habitat and about the unethical treatment of chimpanzees used for scientific research.





Mrs Pegg

- My favourite scientist is [Sir David Attenborough](#).
- He is a natural historian and grew up in and around the Leicestershire area.
- I love watching his documentaries about the natural world.
- I find his passion and enthusiasm for the conservation of our planet truly inspiring.





We're looking forward to seeing you soon!

