

Where we are now:

- Planning, developing and reflecting
- Confusing and disjointed
- Not much fluidity

Key Changes:

- A clearer pathway through their school life
- More emphasise on why things happen, rather than how they happen
- Recognising the similarities between the topics which contributes to deeper learning

Benefits:

- Getting children passionate about science and technology
- Preparing children for their futures
- Students can consider just because we can do something does it mean we should?
- Professional development

What matters:

1. Using evidence to question ideas
2. Design and engineer
3. Living things and the study of organisms
4. The Nature of Matter
5. Forces and Energy
6. Computation to solve problems

SCIENCE AND TECHNOLOGY

“The importance of scientific and technological literacy in our modern world cannot be understated.”

How they reflect on the Four Purposes:

- **Ambitious, Capable Learners** – importance of testifiable results and critical thinking
- **Enterprising and Creative** – embrace challenges, innovate and evaluate
- **Healthy, Confident Individuals** – understand the eco-systems around them and how technology and science contribute to society
- **Ethical, informed citizens** – produce solutions and justify choices

Cross- curricular responsibilities:

- **Literacy**- communicating ideas and exploring them
- **Maths**- measurements, coding, statistics
- **Welsh**- explore how Wales’ geography resources and workforce shaped Wales
- **DCF**- vital not to think of it as just science and technology but there is an abundance of opportunity to use it

Limitations:

- Resources
- Time

