

STEM at Oakfield

Aims

- Introduce pupils to STEM including careers, leisure activities and hobbies.
- Bring STEM alive by interacting with new technologies and experiences through theme days, trips, and external visitors.
- Encourage creativity, problem solving, resilience and taking managed risks

Intent

At Oakfield, we are committed to providing meaningful and exciting opportunities to all our pupils. We aim to inspire curiosity and problem-solving skills, giving our students the confidence to think outside the box and recognise the positive contribution they can make to the wider community.

Implementation

We are able to do this through our robust curriculum and our STEM engagement plan. Our STEM subjects are:

- Science
- Design Technology/Resistant Materials
- Food Technology
- Maths
- ICT

Year 7	Eco-schools – eco warriors committee formed – half termly meetings working towards the Eco-schools Green Flag Award. 24th September - National Fitness Day 20th-26th September - Recycle Week (LP/MB) 10th November - World Science Day 28th January – International Lego Day 12th February – Darwin Day March – British Science Week 6th-15th and World Maths Day 25th (AOM/DT) 22nd April – Earth Day 8th May – Outdoor Classroom Day June – World Environment Day 5th June (JP) July – Trip to Magna (HB) Other trips may be added based on STEM events that arise.
Year 8	Eco-schools – eco warriors committee formed – half termly meetings working towards the Eco-schools Green Flag Award. 24th September - National Fitness Day 20th-26th September - Recycle Week (LP/MB) 10th November - World Science Day 28th January – International Lego Day 12th February – Darwin Day March – British Science Week 6th-15th and World Maths Day 25th (AOM/DT) 22nd April – Earth Day 8th May – Outdoor Classroom Day June – World Environment Day 5th June (JP)

	July – Trip to Magna (HB) Other trips may be added based on STEM events that arise.
Year 9	Eco-schools – eco warriors committee formed – half termly meetings working towards the Eco-schools Green Flag Award. 24th September - National Fitness Day 20th-26th September - Recycle Week (LP/MB) 10th November - World Science Day 28th January – International Lego Day 12th February – Darwin Day March – British Science Week 6th-15th and World Maths Day 25th (AOM/DT) 22nd April – Earth Day 8th May – Outdoor Classroom Day June – World Environment Day 5th June (JP) Other trips may be added based on STEM events that arise.
Year 10	Eco-schools – eco warriors committee formed – half termly meetings working towards the Eco-schools Green Flag Award. 24th September - National Fitness Day 20th-26th September - Recycle Week (LP/MB) 10th November - World Science Day 28th January – International Lego Day 12th February – Darwin Day March – British Science Week 6th-15th and World Maths Day 25th (AOM/DT) 22nd April – Earth Day 8th May – Outdoor Classroom Day June – World Environment Day 5th June (JP) Other trips may be added based on STEM events that arise.
Year 11	Eco-schools – eco warriors committee formed – half termly meetings working towards the Eco-schools Green Flag Award. 24th September - National Fitness Day 20th-26th September - Recycle Week (LP/MB) 10th November - World Science Day 28th January – International Lego Day 12th February – Darwin Day March – British Science Week 6th-15th and World Maths Day 25th (AOM/DT) 22nd April – Earth Day 8th May – Outdoor Classroom Day June – World Environment Day 5th June (JP) Other trips may be added based on STEM events that arise.

Extra-curricular:

Allotment to continue (weather/season dependant) as part of Friday rewards

Cooking to continue as part of Friday rewards

ICT to continue as part of Friday rewards

New Scalextric club to be started on a Friday rewards (NO)

New Meccano extended days club (CH)

Other:

Chris Devaney is joining the STEM team as STEM ambassador in Rowan.