

Cross curricular guide

Environment & climate change



Maths	English	Science	Humanities	Elsewhere
<p>Operations (Starter): Work out how much money Captain Tom made per lap of his garden. Then do speedy mental maths for some figures chosen at random!</p>	<p>Audience & Purpose: If you could ask a politician or world leader one question about climate change, what would it be? Write it down and share with the class or a partner.</p>	<p>Chemistry – Materials: Design posters comparing the average lifespans of 3-5 different pieces of medical equipment (e.g. masks, PPE and syringes). Are they surprising?</p>	<p>History – Modern World History: Who was the first person to highlight the issue of climate change? What was the public's reaction to this? Write a profile about them and their life.</p>	<p>ICT – System Flowcharts: Design a system flowchart to show how UK society could go about switching from fossil fuels to totally renewable energy. How long would it take?</p>
<p>Distance, Speed & Time: How long it would take to travel from London to New York by boat, plane and train? Which is the fastest? Which uses the most energy?</p>	<p>Literary Techniques: Have a look at Greta Thunberg's speech from the UN (2019). Which techniques does she use to make her speech persuasive? Are you convinced?</p>	<p>Chemistry – Environment: Plan an experiment to work out the pollution created by your class' trip to college today. Compare this to pre-COVID circumstances!</p>	<p>Geography – Tourism: Choose a location. Design a poster to raise awareness of the dangers of plastic pollution on both the local environment and the economy.</p>	<p>Art & Design – Drawing: Find pictures of your local town in the past and the present. Can you create a drawing that combines these and what it might look like in the future?</p>