Big Question	Core concept(s)	End point
What is matter?	Matter	The world is made of matter and all matter is made of particles. The particle model can be used to explain how matter behaves. All matter is made of atoms which are made of smaller, sub atomic, particles.
Why do things move and change?	Force and energy	Changing the motion of an object requires a net force to be acting on it. Calculating the "energy" stored in a system allows us to make predictions about how much change is possible. This is because energy is always conserved but some energy is always dissipated into smaller and less useful stores.
How does information and energy spread?	Waves (and Energy)	Waves, including sound, water and electromagnetic waves transfer energy and information.
What is electricity and magnetism?	Electromagnetism	The movement of charge forms electric current and causes magnetic fields. We use electrical currents to power our society.
Where are we in space?	Space	The Earth is a tiny part of an unimaginably large universe. All mass in the universe attracts other mass with a gravitational force. We can use the idea of gravity to explain how

