Learning Roadmap

Stevenage Education Support Centre

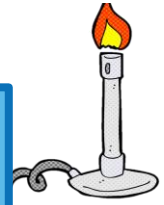
'A centre of excellence for inspiring successful futures'

VALUES:

Kindness, Teamwork, Resilience, High Aspirations, Tolerance, Citizenship

KS3 SCIENCE

Reactions
- Metals and non-metals
- Acids and alkalis
- Chemical energy
- Types of reaction

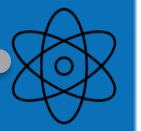


Energy
- Energy costs
- Energy transfer
- Work
- Heating and
- cooling

Ecosystem
- Interdependence
- Plant reproduction
- Respiration
- Photosynthesis

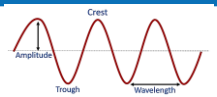
Forces
- Speed
- Gravity
- Contact Forces
- Pressure

Matter
- Particle model
  Separating mixtures
- Periodic table
- Elements



Organisms
- Movement
- Cells
- Breathing
- Digestion

Waves
- Sound
- Light
- Wave effects
- Wave properties



Earth
- Earth structure
- Universe
- Climate
- Earth resources

Genes
- Variation
- Human reproduction
- Evolution
- Inheritance

Electromagnets
- Voltage and
- Resistance
- Current
- Electromagnets
  Magnetism