

# Bramhall High School Physics



A level Sciences – Biology, Chemistry and Physics  
(Need grade 6 and above and grade 6 in Maths)



BTEC Science  
(Need Grade 5 in Science)



Other post 16 options – Apprenticeships, other A level subjects, other BTEC subjects, other training, College.



End of year exams!



- Pressure calcs
- Pressure in fluids
- Pressure
- Upthrust

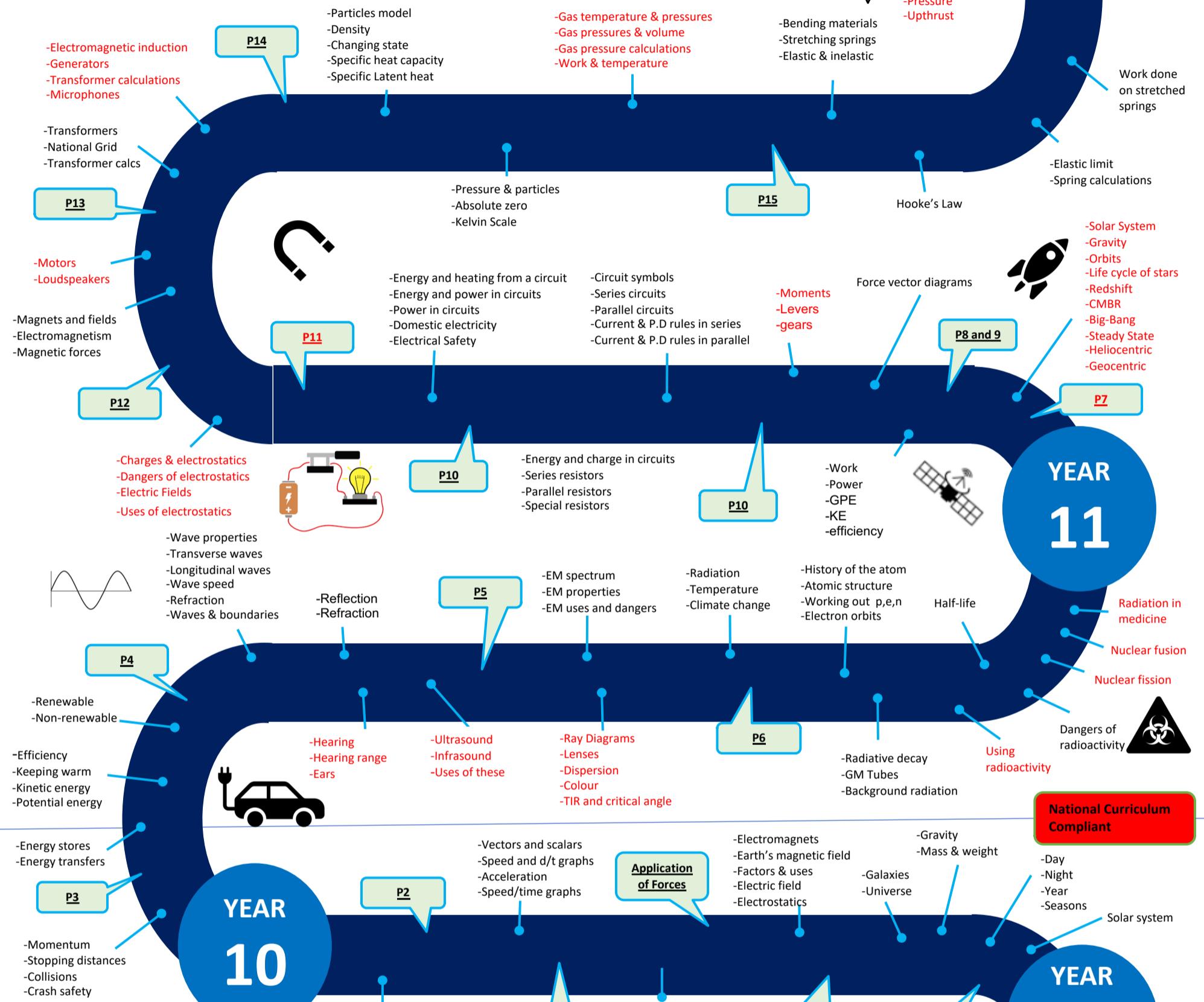
Work done on stretched springs

Hooke's Law



- Solar System
- Gravity
- Orbits
- Life cycle of stars
- Redshift
- CMBR
- Big-Bang
- Steady State
- Heliocentric
- Geocentric

**YEAR 11**



**YEAR 8**

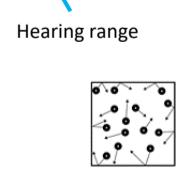
- Pressure in solids
- Balanced forces
- Unbalanced forces
- Friction
- Uses of friction
- Effects of friction



- Forces on springs
- elastic



- Series circuits
- Parallel circuits



- Hearing range
- Physical reactions
- Heating and cooling



- Energy in food
- Diet requirements



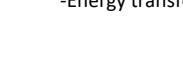
- Energy sources
- Power stations



- Energy stores
- Energy transfers



- Conductors
- Insulators
- Symbols



- Electric current
- Modelling



- Voltage
- Resistance
- Electrical dangers
- Electrical safety



- Forces
- Resistance
- Electrical dangers
- Electrical safety



- Friction
- Uses of friction
- Effects of friction



- Types of forces



- Balanced forces



- Unbalanced forces



- Pressure in solids



- Friction



- Uses of friction



- Effects of friction



- Balanced forces



- Unbalanced forces



- Pressure in solids



- Friction



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- Uses of friction



- Effects of friction



- Balanced forces