?? 2.1 - Determining the acceleration of free-fall experimentally

Galileo's Experiment - Measuring g (card drop)

Measuring g (falling ball)

Add - 3.1 – Applying the calorimetric techniques of specific heat capacity or specific latent heat experimentally

Practical - Specific heat capacity of water (electric kettle)

Yes - 3.2 – Investigating at least one gas law experimentally

Absolute Zero - Verification of Boyles law

Yes - 4.2 – Investigating the speed of sound experimentally

Yup - Speed of sound (drinking straw)

Add to 11-12 - 4.4 – Determining refractive index experimentally

Practical - Refractive index

Yes - 5.2 – Investigating one or more of the factors that affect resistance experimentally

Lightbulb lab :Factors affecting R (paper)

Factors affecting R (nichrome)

Factors affecting R (pencil)

Add to 18-19 - 5.3 - Determining internal resistance experimentally

Add to electricity - EMF and internal resistance

Yes - 7.1 - Investigating half - life experimentally (or by simulation)

Decay lab - Decay of Beer Foam

Add to 27-30 - 9.3 – Investigating Young’s double - slit experimentally

Add to atomic and nuclear - Two slit interference