



## SESSION 29

**29. Heat: Heat Experiments**

## SESSION 1-5

1. Light & Sound: Waves, Reflection
2. Light & Sound: Refraction (Part 1)
3. Light & Sound: Refraction (Part 2)
4. Light & Sound: Wave Nature of Light (Interference of Waves & Diffraction)
5. Light & Sound: Wave Nature of Light (Polarisation, colours & electromagnetic spectrum), Wave Nature of Sound (Doppler Effect)

## SESSION 24-28

24. Mechanics: Moments & Boyle's Law
25. Mechanics: Gravity
26. Mechanics: Gravitational Circular Motion & Simple Harmonic Motion
27. Heat: Measuring Temperature & Specific Heat Capacity
28. Heat: Specific Latent Heat & Transmission of Heat



# PHYSICS

## 6TH YEAR

## SESSION 6-10

6. Light & Sound: Standing Waves, Vibration in pipes, Characteristics of sound & sound intensity
7. Electricity: Electrostatics 1
8. Electricity: Electrostatics 2
9. Electricity: Current Electricity 1
10. Electricity: Current Electricity 2

## SESSION 20-23

20. Mechanics: Horizontal Linear Motion, Free-fall & Vectors
21. Mechanics: Momentum & Newton's Laws
22. Mechanics: Work, Energy and Power
23. Mechanics: Circular Motion

## SESSION 16-19

16. Modern Physics: Nucleus 2
17. Modern Physics: Nucleus 3
18. Modern Physics: Nucleus 4
19. Modern Physics: Particle Physics

## SESSION 11-15

11. Electricity: Electromagnetism 1
12. Electricity: Electromagnetism 2
13. Modern Physics: Electron 1
14. Modern Physics: Electron 2
15. Modern Physics: Nucleus 1