

**Description:**

Educational Kit With Handbook For Guiding Teacher And Students In Carrying Out More Than 20 Experiments Concerning Heat.

**Experiments Include Heat And Temperature. Thermometry**

- Difference Between Heat And Temperature
- Calibrating A Thermometer
- Thermal Equilibrium
- Heat Capacity
- Water Equivalent Of A Calorimeter
- Determining The Specific Heat Of A Solid
- Determining The Specific Heat Of A Liquid
- Heating Curves Of Liquids

**Expansion Of Solids And Of Liquids**

- Linear Expansion Of Solids. Measuring The Coefficient Of Linear Expansion
- Cubic Expansion Of Solids
- Expansion Of Liquids. Measuring The Coefficient Of Apparent Expansion
- Observing The Expansion Of Gases
- Gas Laws. Boyle's/Mariotte's Law, Charles's Law, Gay-Lussac's Law

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



Export Sales: +91-9829132777  
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
www.tescaglobal.com

**Phase Transitions**

- Phase Transition Of Water
- Melting Curve Of Ice
- Fusion And Solidification Graph Of Naphthalene
- Latent Heat Of Fusion
- Latent Heat Of Vaporization Of Water
- Mixture Of Ice And Salt
- Separating Substances By Distillation
- Sublimation Of Naphthalene
- Evaporation

**Heat Propagation**

- Heat Propagation By Conduction
- Heat Propagation By Convection
- Heat Propagation By Radiation. Measurement Of Radiant Energy
- Interactions Among Systems At Different Temperatures
- Heat Absorbed By Substances

**Energy Transformations**

- Converting Heat Into Mechanical Energy. Heat Engine.
- Converting Electric Energy Into Heat
- Converting Heat Into Electric Energy. Thermocouples

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