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Heat

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- 1) Tea kettle has an ebonite handle because ebonite is an insulator of the heat, it doesn't pass heat from the kettle to our hand.
- 2) In summer, ice is kept wrapped in a gunny bag because air is filled in the fine pores of the gunny bag which is an insulator of heat. So, air does not allow heat from outside to pass through it to ~~the~~ the ice cubes. So, the ice is prevented from melting point.
- 3) Quilts are filled with fluffy ~~cot~~ cotton because air is trapped in the fine pores of cotton. As cotton ~~and~~ & air are the insulators of heat. They check heat from our body to escape & keep us warm.
- 4) By the process of convection, heat is always transferred vertically ~~up~~ upwards. This happens because the medium particles near the source and they start moving faster.