

Physical Resources for Teaching Languages

1. Scrabble and Aksharit (Hindi Scrabble)
2. Spin a Story
3. Art items like paints, crayons, modelling clay.
4. Lego / Playing Cards for Semantics, Syntax and phonics
5. Think Quick (Mind Game)

Physical Resources for Teaching Social Science

1. Globe
2. Maps

Physical Resources for Teaching Science

1. Advanced Arduino kit
2. Mini arduino kit
3. 21 sensors for arduino (light sensor, proximity sensor, heat sensor, mic, etc)
4. Foldscope deluxe kit
5. 6" Nightwatch Dobsonian Telescope with Mobile phone adapter
6. USB microscope (2 units)
7. Ekalavya Experimental kit
8. Periodic table with a sample of each element
9. Globe
10. Spectrometer made from CDs
11. Glasswares (Flasks, test tubes, burette-pipettes, glass slides, cover slips, stands, bunsen burners, petri dishes, measuring cylinders, funnels, BOD bottles, etc)
12. Chemicals (acids, indicators, Ph papers, agar, etc)
13. Lasers (1 blue & 1 red)
14. Prism and glass slab
15. Lenses (concave and convex)
16. Filter papers
17. Thermo-meter
18. Balance with weights
19. Strong magnets and simple coils made up of copper wire
20. Batteries
21. Expeyes board

Physical Resources for Teaching Mathematics

1. Wooden Blocks- To discuss the volume, surface area and features of solids
2. Fraction kit - to discuss the concepts related to fraction
3. Number Balance - to discuss ratio and proportion, equivalence in pre-algebra
4. Rangometry- Tessellations, area and fractions
5. Somas Cube- The classic puzzle
6. Tower of Hanoi- Interesting task for identifying and generalising patterns