



# THE VITS SCHOOL

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## CURRICULUM PLANNING

### GRADE 5

### SCIENCE

MONTH	DAYS	BLOCK NUMER/NAME	ACTIVITY
JUNE	22	1. Germination of seeds 2. Super senses	<ul style="list-style-type: none"> <li>• Lab activity to observe seeds using magnifying glass.</li> <li>• Observing the pictures and deducing special sense organs</li> </ul>
JULY	27	3. Habitat and adaptation 4. Protecting animal habitat	<ul style="list-style-type: none"> <li>• Observing pictures of body coverings</li> <li>• Observing images of natural threats</li> </ul>
AUGUST	22	5. Joints in our body 6. Our nervous system	<ul style="list-style-type: none"> <li>• Lab activity of observing human skeleton and making joints using play dough</li> <li>• Making brain and nerve cell using play dough</li> </ul>
SEPTEMBER	25	7. Communicable diseases 8. Diet and health 9. Properties of water	<ul style="list-style-type: none"> <li>• Planning balanced diet (scrapbook)</li> </ul>
OCTOBER	23	10. Water: A natural resource 11. Properties of air	<ul style="list-style-type: none"> <li>• Observing videos on water pollution</li> <li>• Balloon activity of inflation and deflation (Air has weight)</li> <li>• Pushing an inverted empty glass into a tray of water (Air occupies space)</li> <li>• Using straw to drink water (Air pressure)</li> </ul>
NOVEMBER	20	12. Our atmosphere 13. Motion, force and work.	<ul style="list-style-type: none"> <li>• Collecting information on a greenhouse (scrapbook activity)</li> <li>• Bouncing a ball, pushing the table etc. (class activity)</li> </ul>

DECEMBER	20	14. Friction 15. Simple machines	<ul style="list-style-type: none"> <li>• Playground activity of observing simple machines and tools in the lab (screws and complex machines)</li> </ul>
JANUARY	23	16. Saving energy 17. Matter and its properties	<ul style="list-style-type: none"> <li>• Crushed chalk / sugar class activity</li> </ul>
FEBRUARY	24	18. Physical changes  19. Space research	<ul style="list-style-type: none"> <li>• Class activity: using play dough, Tearing of paper, dissolving sugar, sharpen pencil etc</li> <li>• Project work</li> </ul>
MARCH	25	20. Nature's calamities	<ul style="list-style-type: none"> <li>• Project work</li> </ul>

