

BASIC SCIENCE & TECH NURSERY 2 - AGE 4

1<sup>ST</sup> TERM

WKS	TOPICS	CONTENTS/ACTIVITIES	LEARNING MATERIALS
1	Dangerous Liquids	i. Give simple meaning of dangerous liquids. ii. List some dangerous liquids to pupils e.g. methylated spirit, bleach, kerosene, petrol, ink. iii. Encourage the child on how to avoid dangerous liquids.	- Various dangerous objects and liquids e.g. blades, pins, kerosene, etc. - Charts, posters, newspapers cuttings.
2	Hot Liquids	i. Teacher explains the state of hot liquids to pupils. ii. List some hot liquids to the pupils e.g. hot oil, water, stew, tea etc. iii. Encourage the child to avoid hot liquids	- Film strips, slides, projector. - Video tapes/ video players and television. - First Aid Box
3	Sharp Objects	i. Explain the simple meaning of sharp objects. ii. List some sharp objects to pupils, e.g. blades, knives, needles, pins etc. iii. Train the child on how to avoid sharp objects.	- Pictures.

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4	Drug Abuse	i. Give simple meaning of drug abuse. ii. Train child on how to stay away from medicines especially sweet-coated tablets..	
5	Open Fire	i. Give simple illustration and meaning of open fire. ii. State the uses of open fire e.g. illumination, warmth, cooking etc.	
6	MID TERM BREAK	MID TERM BREAK	
7	Plastic Bags	i. Teacher gives simple illustration of plastic bags. ii. List the domestic uses of plastic bags e.g. shopping, refuse disposal, food storage etc. iii. Caution the child not to use cellophane bags to cover their heads because of suffocation.	
8	Technology: Machine	i. Give simple meaning of Technology. ii. List examples of simple machine e.g. lamp, electric kettle, iron, heater etc.	

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		iii. Caution the child not to play with electrical wire and appliances.
9	Sense Organs	i. Guide the pupils to where sense organs can be found in the body. ii. List the sense organs to the pupils e.g. tongue, ears, nose, eyes and mouth. iii. Instruct the pupils not to push objects to ears, nose etc.
10&11	REVISION	REVISION
12&13	EXAMINATION	EXAMINATION



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2<sup>ND</sup> TERM

WKS	TOPICS	CONTENTS/ACTIVITIES	LEARNING MATERIALS
1	REVISION	Revision of 1 <sup>st</sup> term's work	- Various dangerous objects and liquids e.g. blades, pins, kerosene, etc.
2	Water	i. Give simple definition of water. ii. Guide the pupils to mention some sources of water e.g. tap, rain, bore-hole etc. iii. Mention some uses of water to pupils e.g. drinking, washing, cooking etc.	- Charts, posters, newspapers cuttings.
3	Dangerous and Hot Liquids: Effect	i. Guide pupils to identify and recognise dangerous liquid e.g. ink, spirit, dettol, etc and hot liquid in the environment e.g. hot water, tea, food etc. ii. Mention some effects of dangerous and hot liquid e.g. damage the skin, sense organs etc.	- Film strips, slides, projector. - Video tapes/ video players and television. - First Aid Box - Pictures.
4	Simple Machines: Home	i. Teacher gives simple meaning of simple machine.	

		<ul style="list-style-type: none"> <li>ii. List some simple machines we use at home e.g. broom, spoon, knife, tin cutter, tin opener, see-saw, swing etc.</li> <li>iii. Guide pupils on the use of <u>safe</u> simple machines.</li> </ul>
5	Living and Non-Living Things	<ul style="list-style-type: none"> <li>i. Mention some living things to pupils e.g. man, plants, animals.</li> <li>ii. Mention some non-living things to pupils e.g. house, ball, table etc.</li> <li>iii. Guide pupils to differentiate between living and non-living things.</li> </ul>
6	MID TERM BREAK	MID TERM BREAK
7	Danger of Fire	<ul style="list-style-type: none"> <li>i. Caution pupils to always be far away from fire.</li> <li>ii. Demonstrate to pupils on steps to take if one's cloth catches fire. STOP - DROP - ROLL.</li> </ul>
8	Soil	<ul style="list-style-type: none"> <li>i. Give simple meaning of soil.</li> <li>ii. List some items to be found in the soil e.g. stone, sand, earthworm, water,</li> </ul>

		<ul style="list-style-type: none"> <li>ants etc.</li> <li>iii. Discuss importance of soil to man e.g. house – for building, food – for planting.</li> </ul>
9	Safety	<ul style="list-style-type: none"> <li>i. Give simple meaning of safety.</li> <li>ii. Guide pupils to identify some areas at home and school to take caution. e.g. climbing ladder, running on stairway, playing with fire, playing with razor blade or pin, climbing trees, playing near wired fence, swimming in the rivers, following strangers etc.</li> </ul>
10&11	REVISION	REVISION
12&13	EXAMINATION	EXAMINATION



BASIC SCIENCE AND TECH

NURSERY 2 - AGE 4

3<sup>RD</sup> TERM

WKS	TOPICS	CONTENTS/ACTIVITIES	LEARNING MATERIALS
1	REVISION	Revision of 2 <sup>nd</sup> term's work	<ul style="list-style-type: none"> <li>- Various dangerous objects and liquids e.g. blades, pins, kerosene, etc.</li> <li>- Charts, posters, newspapers cuttings.</li> <li>- Film strips, slides, projector.</li> <li>- Video tapes/ video players and television.</li> <li>- First Aid Box</li> <li>- Pictures.</li> </ul>
2	Air	<ul style="list-style-type: none"> <li>i. Teacher discusses the existence of air in our environment e.g. the use of hand-fan, electric fan, breathing air in and out etc.</li> <li>ii. Give simple definition of air to pupils.</li> <li>iii. Teacher guides pupils to blow air into balloons with the use of mouth.</li> </ul>	
3	Care of Feet	<ul style="list-style-type: none"> <li>i. Train the pupils to put on pair of shoes or slippers while walking on open field to prevent injury.</li> <li>ii. Guide pupils on items to be used to care for the feet e.g. clean water, soap, cream.</li> </ul>	
4	Traffic Lights	<ul style="list-style-type: none"> <li>i. Sing songs or recite rhymes on traffic lights.</li> <li>ii. Discuss types of lights on Traffic lights.</li> </ul>	



		<ul style="list-style-type: none"> <li>iii. Discuss what the colour of each light stands for.</li> <li>iv. Train pupils to always use an escort (elder) or pedestrian bridge whenever crossing the road where there are no zebra crossing lines.</li> </ul>	
5	Hygiene	<ul style="list-style-type: none"> <li>i. Give simple meaning of hygiene.</li> <li>ii. Demonstrate to pupils with songs on how to maintain good hygiene e.g. this is the way I brush my teeth.....</li> </ul>	
6	MID TERM BREAK	MID TERM BREAK	
7	Bad Habit: Eating on the road.	<ul style="list-style-type: none"> <li>i. Give simple meaning of bad habit.</li> <li>ii. Discuss with pupils what happens to child that eats on the road.</li> <li>iii. Train and instruct pupils not to eat on the road because lack of concentration can cause accident.</li> </ul>	
8	Bad habits: Eating dirty food	<ul style="list-style-type: none"> <li>i. Discuss with pupils what is dirty food.</li> <li>ii. Discuss and list what makes</li> </ul>	

		our food to be dirty e.g. food on the floor, food eaten by rat, dog or goat, food in the dust-bin, rotten food etc. iii. Guide pupils to beware of germs and diseases that could emanate from such actions.
9	Stones	i. Explain to pupils how stones are gotten from. ii. Discuss simple uses of stones to pupils e.g. to light fire, to play games, to build houses, used as stands for local stove etc. iii. Train and caution pupils to be aware of consequences of throwing stones at home or in school.
10	Use of Toilet	i. Give simple meaning of toilet. ii. Discuss types of toilets to pupils. iii. Guide and demonstrate the proper steps in using the toilet to avoid germs and diseases.
11.	REVISION	REVISION

12&13	EXAMINATION	EXAMINATION	
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