

THE WISDOM GLOBAL SCHOOL

SYLLABUS BIFURCATION

GRADE 3

SUBJECT:- SCIENCE

NAME OF BOOK: XSEED

YEAR 2023-24

NAME OF THE TEACHER:- MS. SAGRIKA ARORA

S.NO	BOOK NAME	MONTH	BLOCK NUMBER	BLOCK NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY/PROPS
1	XSEED	APRIL	1	PARTS OF A PLANT	SHOOT AND ROOT SYSTEMS	1	Identifying shoot system and root system in a potted plant
					WORKSHEET 1.1	1	
					ROOTS	1	Showing importance of roots through a potted plant with roots cut
					WORKSHEET 1.2	1	
					STEM	1	To show color change in stalk and flower when dipped in colored water
					WORKSHEET 1.3	1	
					LEAVES	1	Collection,identification and analysis of different shape,size,colour of leaves
					WORKSHEET 1.4	1	
2	XSEED	APRIL	2	FLOWERS,FRUITS, AND SEEDS	FLOWERS	1	Analysis of flowers in different flowering plants in school garden
					WORKSHEET 2.1	1	
					VARIETY OF FRUITS	1	Compare and classify different fruits on basis of their physical features
					WORKSHEET 2.2	1	
					SEEDS	1	Planting barley seeds/green gram seeds to assess their germination
					WORKSHEET 2.3	1	
					VARIETY OF SEEDS	1	Comparing the growth pattern of different seeds
					WORKSHEET 2.4	1	
PRACTICE QUESTIONS	1						

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3	XSEED	MAY	5	CHARACTERISTICS OF LIVING THINGS	BEING ALIVE	1	Sorting picture cards of living and non living things
					WORKSHEET 5.1	1	
					GROWTH AND REPRODUCTION	1	Different charts for showing life cycle of dog,hen,butterfly,plant etc.
					WORKSHEET 5.2	1	
					NUTRITION AND AIR	1	A video showing how organisms get food and air
					WORKSHEET 5.3	1	
					RESPONSE AND MOVEMENT	1	Demonstrating how mimosa plant respond to touch/How we shiver in cold
WORKSHEET 5.4	1						
4	XSEED	JULY	3	ALL ABOUT BIRDS	FEATHERS OF BIRDS	1	Observing different feathers and categorise them into types
					WORKSHEET 3.1	1	
					BEAKS OF BIRDS	1	To show importance of different beaks via tweezers,straw and pincers
					WORKSHEET 3.2	1	
					FEET AND CLAWS OF BIRDS	1	Identification of 4 types of feet through a chart
					WORKSHEET 3.3	1	
					NESTS OF BIRDS	1	Making a nest of bird using twigs,grass,cotton,thin wire,ribbon,carboard etc
WORKSHEET 3.4	1						
5	XSEED	JULY	4	ALL ABOUT INSECTS	CREEPY-CRAWLIES	1	Identifying name of animals via their features displayed on board
					WORKSHEET 4.1	1	
					BODY PARTS OF INSECTS	1	Identifying head,thorax,abdomen,antennae and legs of an insect from specimen
					WORKSHEET 4.2	1	
					FOOD OF INSECTS	1	Using tweezers and straw to show different feeding habits of insects
					WORKSHEET 4.3	1	
					INSECTS ARE DIFFERENT	1	Rearranging the stages of life cycle of butterfly and a honeybee
WORKSHEET 4.4	1						

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6	XSEED	AUGUST	6	OUR BODY	VARIOUS ORGANS	1	Identification of different external and internal organs and their functions via human body chart
					FUNCTIONS OF ORGANS	1	
					WORKSHEET 6.1	1	
					WORKSHEET 6.2	1	
					ORGAN SYSTEMS OF OUR BODY	1	Identification and functioning of organ system via picture cards
					WORKSHEET 6.3	1	
					OUR BODY AND FOOD	1	Spotting plant obtained and animal food, healthy food & unhealthy food from chart
					WORKSHEET 6.4	1	
7	XSEED	AUGUST	7	RESPIRATORY SYSTEM	ORGANS FOR BREATHING	1	Identification of respiratory organs via a chart/model
					WORKSHEET 7.1	1	
					BREATHING IN AND OUT	1	Demonstration of breathing via working model of respiratory system
					WORKSHEET 7.2	1	
					BREATHING AND RESPIRATION	1	A chart showing relationship between breathing and respiration
					WORKSHEET 7.3	1	
					RESPIRATORY HEALTH	1	Categorising healthy and unhealthy respiratory habits shown on board
WORKSHEET 7.4	1						
8	XSEED	SEPTEMBER	8	EXPLORING MATERIALS	MATERIALS AND OBJECTS	1	Sort the objects as made of wood, metal, rubber and plastic
					WORKSHEET 8.1	1	
					MATERIALS AND THEIR CHARACTERISTICS	1	Sort materials according to their properties (hard/soft, shiny/dull etc.)
					WORKSHEET 8.2	1	
					MATERIALS IN WATER	1	Identify how different materials (iron nail, stone, plastic ball) interact with water
					WORKSHEET 8.3	1	
					PROPERTIES TO USES	1	Suggest materials that can be used to make raincoat, sweater, gate, table etc
WORKSHEET 8.4	1						

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9	XSEED	SEPTEMBER	9	SOLIDS,LIQUIDS AND GASES	MATTER	1	Identifying matter on basis of mass and space taken
					WORKSHEET 9.1	1	
					SOLIDS	1	Categorise solids on basis of their ability to flow,take space,shape etc
					WORKSHEET 9.2	1	
					LIQUIDS	1	Categorise liquids on basis of their ability to flow,take space,shape etc.
					WORKSHEET 9.3	1	
					GASES	1	Fill syringe with water and then with air and access property of gases via it
					WORKSHEET 9.4	1	
					MID TERM ASSESSMENT		
10	XSEED	NOVEMBER	10	GETTING CLEAN WATER	SURFACE WATER AND GROUND WATER	1	Classifying different sources of water shown in the pictures into surface water and ground water
					WORKSHEET 10.1	1	
					WATER CYCLE	1	Demonstarting how water resources refills via condensation,evaporation
					WORKSHEET 10.2	1	
					CONSERVATION OF WATER	1	Suggest ways to save water in Agriculture,industries and at home
					WORKSHEET 10.3	1	
					PURIFICATION OF WATER	2	Purifying water via filtration,sedimentation&decantation,boiling,Chl orination.
				WORKSHEET 10.4	1		
11	XSEED	NOVEMBER	11	ENERGY AND SUN	FORCE AND ITS EFFECTS	1	Playing with the ping pong ball and balloon to show effects of force
					WORKSHEET 11.1	1	
					SOURCES OF ENERGY	1	Look at the pictures and identify the energy sources
					WORKSHEET 11.2	1	
					THE SUN: A SOURCE OF ENERGY	1	Showing solar powered objects: Solar cooker,Solar calculator,street lights
					WORKSHEET 11.3	1	
					SOLAR ENERGY: OUR FUTURE	1	Discussing & Analysing in groups how solar energy is the future
				WORKSHEET 11.4	1		

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12	XSEED	DECEMBER	14	PEOPLE WHO HELP US	FARMERS	1	Role play on farmer
					WORKSHEET 14.1	1	
					TEACHERS	1	Role play on teacher
					WORKSHEET 14.2	1	
					DOCTORS AND NURSES	1	Role play on doctors and nurses
					WORKSHEET 14.3	1	
					FIREFIGHTERS	1	Role play on firefighters
					WORKSHEET 14.4	1	
13	XSEED	DECEMBER	15	CHANGES OVER TIME	CHANGES IN OUR LIFESTYLE	1	Chosing from the shown pictures which are from past and which are from future
					WORKSHEET 15.1	1	
					CHANGES IN EDUCATION	1	Analysing differences in schools based on Monu's grandfather's school
					WORKSHEET 15.2	1	
					CHANGES IN TRAVEL	1	Analysing different modes of transport from past and from present
					WORKSHEET 15.3	1	
					CHANGES IN ENVIRONMENT	1	Discuss how environment changed over time using a video
					WORKSHEET 15.4	1	
14	XSEED	DECEMBER	17	FINDING DIRECTIONS	RELATIVE DIRECTION	1	Locating directions by drawing grids on paper
					WORKSHEET 17.1	1	
					FIXED DIRECTION	1	Locating directions using Sun's position
					WORKSHEET 17.2	1	
					MAGNETIC COMPASS	1	Finding directions using a magnetic compass
					WORKSHEET 17.3	1	
					LANDMARKS AND DIRECTION	1	Blindfold game
					WORKSHEET 17.4	1	
15	XSEED	JANUARY	18	EARTH AND THE UNIVERSE	PLANETS	1	Infer distance of planets from a pictograph
					WORKSHEET 18.1	1	
					SUN:A STAR	1	Discuss in groups the features and uses of Sun
					WORKSHEET 18.2	1	
					MOON:A SATELLITE	1	Showing relative motion of earth,moon and sun using appropriately sized balls
					WORKSHEET 18.3	1	

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					EARTH	1	Showing shape,tilt and movement of earth through globe
					WORKSHEET 18.4	1	
16	XSEED	FEBRUARY	19	LANDFORMS AND WATERBODIES	HILLS,MOUNTAINS,AND VALLEYS	1	Using paper cups to make shapes of hills,mountains and valleys
					WORKSHEET 19.1	1	
					DESERTS,PLAINS AND PLATEAUS	1	Identifying deserts,plains and plateaus from images shown
					WORKSHEET 19.2	1	
					WATER BODIES	1	Locate water bodies in atlas and arrange them according to their sizes
					WORKSHEET 19.3	1	
					CONTINENTS	1	Locate continents in atlas and arrange them according to their sizes
WORKSHEET 19.4	1						