

THE WISDOM GLOBAL SCHOOL
SYLLABUS BIFURCATION
GRADE 6
SUBJECT:- SCIENCE
NAME OF BOOKS: SCIENCE MISSION
YEAR 2022-23
NAME OF THE TEACHER:- MS. PUNITA TIWARI

S.NO	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY/PROPS	SMART BOARD (PPT/VIDEO)	CHARTS
1	SCIENCE MISSION	APRIL	1	SOURCES OF FOOD	NEED AND VARIETY OF FOOD	1	NO	YES	YES
					SOURCES OF FOOD	1	NO	YES	YES
					SOURCES OF FOOD	1	TO SPROUTS SEEDS	YES	YES
					SOURCES OF FOOD	1	NO	YES	YES
					EATING HABITS OF ANIMALS	1	NO	YES	YES
					DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS	1	NO		
					OLYMPIAD QUESTIONS DISCUSSION	1	NO		
					TEST OF CH-1.SOURCES OF FOOD	1	NO	YES	YES
2	SCIENCE MISSION	APRIL	2	COMPONENTS OF FOOD	INTRODUCTION AND WARM UP QUESTIONS ABOUT COMPONENTS OF FOOD	1		YES	YES
		APRIL			CARBOHYDRATES	1	TO TEST THE PRESENCE OF SUGAR IN A FOOD	YES	YES
		APRIL			CARBOHYDRATES	1	TO TEST THE PRESENCE OF STARCH IN A FOOD	YES	YES
		APRIL			FATS AND OILS	1	TO TEST THE PRESENCE OF FAT IN A FOOD	YES	YES
		APRIL			PROTEIN	1	TO TEST THE PRESENCE OF PROTEIN IN A FOOD	YES	YES
		APRIL			VITAMINS	1	NO	YES	YES
		MAY			VITAMINS	1	NO	YES	YES
		MAY			MINERALS AND FIBRES	1	TO OBSERVE FIBRE IN A VEGETABLE	YES	YES
		MAY			MINERALS AND FIBRES	1	NO	YES	YES
		MAY			WATER AND BALANCEDVDIET	1	NO	YES	NOT REQUIRED
		MAY			MALNUTRITION	1	NO	YES	NOT REQUIRED
		MAY			MALNUTRITION	1	NO		NOT REQUIRED
		MAY			DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS	1	NO		NOT REQUIRED
		MAY			OLYMPIAD QUESTIONS DISCUSSION	1	NO		
		MAY			TEST OF CH-2. COMPONENTS OF FOOD	1	NO	YES	NOT REQUIRED
3	SCIENCE MISSION	MAY	3	CLEANING OF FOOD AND SEPARATION OF SUBSTANCES	INTRODUCTION AND WARM UP QUESTIONS ABOUT NEED FOR CLEANING FOOD	1	NO	YES	NOT REQUIRED
					PURE SUBSTANCES AND MLXTURES	1	NO	YES	NOT REQUIRED
					CLEANING OF FARM PRODUCE TO OBTAIN GRAINS		NO	YES	NOT REQUIRED
					SEPARATION OF SUBSTANCES FROM MIXTURES	1	TO SEPARATE SUGAR AND SAND FROM A MIXTURE	YES	NOT REQUIRED
					SEPARATION OF SUBSTANCES FROM MIXTURES	1	TO SEPARATE WATER, SAWDUST AND SAND FROM A MIXTURE	YES	NOT REQUIRED
					MISCIBLE AND IMMISCIBLE LIQUIDS	1		YES	NOT REQUIRED
					MISCIBLE AND IMMISCIBLE LIQUIDS	1	TO SEPARATE DUST PARTICLES AND CRYSTALS OF COMMON SALT FROM A MIXTURE OF DUST, COMMON SALT AND WATER	YES	NOT REQUIRED
					CRYSTALLIZATION	1	NO	YES	NOT REQUIRED
					DISTILLATION	1	NO	YES	NOT REQUIRED
					DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS		NO	YES	NOT REQUIRED
					OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
					TEST OF CH-3.CLEANING OF FOOD AND SEPARATION OF SUBSTANCES	1	NO		NOT REQUIRED
					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		NOT REQUIRED
					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		NOT REQUIRED

					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		
					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		
					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		
					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		
					REVISION FOR PRE-MID TERM ASSESSMENT	1	NO		
PRE MID TERM ASSESSMENTS(SYLLABUS-CHAPTERS 1,2,3)									
4	SCIENCE MISSION	JULY	4	MATERIALS OF DAILY USE:CLOTHES	INTRODUCTION AND WARM UP QUESTIONS ABOUT FIBRES	1	NO	YES	NOT REQUIRED
		JULY			CLOTHES IN OUR LIFE,FIBRE,YARN AND FABRIC	1	TO DISTINGUISH COTTON,WOOL,SILK AND SYNTHETIC FIBRES USING BURNING TEST	YES	YES
		JULY			FIBRE FROM PLANTS	1	NO	YES	NOT REQUIRED
		JULY			FIBRE FROM PLANTS	1	NO	YES	NOT REQUIRED
		JULY			FIBRE FROM PLANTS	1	NO	YES	NOT REQUIRED
		JULY			DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS	1	NO	YES	NOT REQUIRED
		JULY			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		JULY			TEST OF CH-4.MATERIALS OF DAILY USE:CLOTHES	1	NO	YES	NOT REQUIRED
5	SCIENCE MISSION	JULY	5	KINDS OF MATERIALS	INTRODUCTION ABOUT OBJECTS AROUND US	1	NO	YES	YES
		JULY			ARRANGEMENT OF MOLECULES IN SOLID,LIQUID AND	1	NO	YES	YES
		JULY			PROPERTIES OF MATERIALS	1	NO	YES	YES
		JULY			PROPERTIES OF MATERIALS	1	NO	YES	YES
		JULY			OPAQUE	1	NO	YES	YES
		JULY			FLOATATION	1	TO LEARN ABOUT FLOATING AND SINKING OBJECTS	YES	YES
		JULY			SOLUBILITY	1	NO	YES	YES
		JULY			CONDUCTORS OF HEAT AND ELECTRICITY	1	NO	YES	NOT REQUIRED
		JULY			DISCUSSION OF THEORETICAL AND THINKING SKILLS	1	NO	YES	NOT REQUIRED
		JULY			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		JULY			TEST OF CH-5.KINDS OF MATERIALS	1	NO	YES	NOT REQUIRED
6	SCIENCE	JULY	6	CHANGES AROUND US	INTRODUCTION ABOUT CHNAGES AROUND US	1	NO	YES	YES
		JULY			REVERSIBLE AND IRREVERSIBLE CHANGES	1	TO DEMONSTRATE REVERSIBLE AND IRREVERSIBLE	YES	NOT REQUIRED
		JULY			EFFECT OF HEATING AND COOLING ON SOLIDS	1	NO	YES	NOT REQUIRED
		JULY			EFFECT OF HEATING AND COOLING ON LIQUIDS AND	1	NO	YES	NOT REQUIRED
		JULY			SOLUBILITY	1	TO SHOW THAT DISSOLVING SALT IN WATER IS A	YES	NOT REQUIRED
		JULY			SOLUBILITY	1	NO	YES	NOT REQUIRED
		JULY			DISCUSSION OF THEORETICAL AND THINKING SKILLS	1	NO	YES	NOT REQUIRED
		JULY			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		JULY			TEST OF CH-6.CHANGES AROUND US	1	NO	YES	YES
7	SCIENCE MISSION	AUGUST	7	PLANTS-FORMS AND FUNCTIONS	INTRODUCTION ABOUT FLOWERING PLANTS AROUND US	1	NO	YES	YES
		AUGUST			FROM WHERE DOES A FLOWERING PLANT COME?	1	TO LEARN ABOUT THE STRUCTURE OF A SEED AND SEED	YES	YES
		AUGUST			PARTS OF A FLOWERING PLANT	1	TO DEMONSTRATE ABOUT THE PARTS OF A FLOWER	YES	YES
		AUGUST			ROOTS	1	TO SHOW THAT ROOTS HELP IN FIXING THE PLANT TO	YES	YES
		AUGUST			STEMS	1	TO SHOW THAT WATER FROM THE ROOTS IS CARRIED	YES	YES
		AUGUST			LEAF	1	TO DEMONSTRATE THE PROCESS OF TRANSPIRATION IN PLANTS	YES	YES
		AUGUST			FUNCTIONS OF A LEAF	1	TO SHOW THAT FOOD IS PREPARED IN A GREEN LEAF DURING PHOTOSYNTHESIS	YES	YES
		AUGUST			THE FLOWER	1	TO STUDY ABOUT THE PISTIL ON A FLOWER AND ITS PARTS	YES	NOT REQUIRED
		AUGUST			DISCUSSION OF THEORETICAL AND THINKING SKILLS	1	NO	YES	NOT REQUIRED
		AUGUST			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		AUGUST			TEST OF CH-7.PLANTS-FORMS AND FUNCTIONS	1	NO	YES	YES
8	SCIENCE MISSION	AUGUST	8	ANIMALS-FORMS AND FUNCTIONS	INTRODUCTION ABOUT SKELETAL SYSTEM	1	NO	YES	CHARTS AND MODEL REQUI
		AUGUST			SKULL	1	SKULL MODEL	YES	CHARTS AND MODEL REQUI
		AUGUST			VERTEBRAL COLUMN,RIBCAGE	1	NO	YES	CHARTS AND MODEL REQUI
		AUGUST			LIMBS	1	LIMBS MODEL	YES	CHARTS AND MODEL REQUI
		AUGUST			TYPES OF JOINTS	1	JOINTS MODEL	YES	NOT REQUIRED
		AUGUST			TYPES OF JOINTS	1	JOINTS MODEL	YES	NOT REQUIRED
		AUGUST			MOVEMENT IN BIRDS,FISH	1	NO	YES	NOT REQUIRED
		AUGUST			MOVEMENT IN SNAKES	1	NO	YES	NOT REQUIRED
		AUGUST			MOVEMENT IN COCKROACH	1	NO	YES	NOT REQUIRED
		AUGUST			MOVEMENTS IN A SNAIL	1	NO	YES	NOT REQUIRED
		AUGUST			MOVEMENTS IN AN EARTHWORM	1	NO	YES	NOT REQUIRED
		AUGUST			DISCUSSION OF THEORETICAL AND THINKING SKILLS O	1	NO	YES	NOT REQUIRED
		AUGUST			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		AUGUST			TEST OF CH-8.ANIMALS-FORMS AND FUNCTIONS	1	NO	NOT	NOT REQUIRED
MID TERM ASSESSMENT(SYLLABUS-CHAPTERS 1,2,3,4,5,6,7,8)									

9	SCIENCE	SEPTEMBER	9	THINGS AROUND US	INTRODUCTION ABOUT THINGS AROUND US	1	NO	YES	NOT REQUIRED
		SEPTEMBER			CHARACTERISTICS OF LIVING THINGS	1	1.TO SHOW THAT CARBONDIOXIDE IS GIVEN DURING RESPIRATION	YES	NOT REQUIRED
		SEPTEMBER			CHARACTERISTICS OF LIVING THINGS	1	2.TO LEARN THAT ENERGY IS PRODUCED DURING RESPIRATION	YES	NOT REQUIRED
		SEPTEMBER			CHARACTERISTICS OF LIVING THINGS	1	3.TO LEARN THAT WATER VAPOUR IS EXXHALED DURING BREATHING	YES	NOT REQUIRED
		SEPTEMBER			CHARACTERISTICS OF LIVING THINGS	1	4.TO LEARN THAT PLANTS TAKE IN OXYEN AND GIVE OUT CARBON DIOXIDE DURING RESPIRATION	YES	NOT REQUIRED
		SEPTEMBER			DISCUSSION OF THEORETICAL AND THINKING SKILLS Q	1	NO	YES	NOT REQUIRED
		SEPTEMBER			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		SEPTEMBER			TEST OF CH-9. THINGS AROUND US	1	NO	YES	NOT REQUIRED
10	SCIENCE MISSION	OCTOBER	10	HABITAT:LIVING ORGANISMS AND THEIR SURROUNDINGS	INTRODUCTION ABOUT HABITAT	1	NO	YES	YES
		OCTOBER			COMPONENTS OF HABITAT	1	NO	YES	YES
		OCTOBER			ADAPTATION FOR AQUATIC HABITAT	1	NO	YES	YES
		OCTOBER			ADAPTATION FOR AQUATIC HABITAT	1	NO	YES	YES
		OCTOBER			ADAPTATION FOR TERRESTRIAL HABITAT	1	NO	YES	NOT REQUIRED
		OCTOBER			ADAPTATION FOR TERRESTRIAL HABITAT	1	NO	YES	NOT REQUIRED
		OCTOBER			ADAPTATION FOR TERRESTRIAL HABITAT	1	NO	YES	NOT REQUIRED
		OCTOBER			ADAPTATION FOR TERRESTRIAL HABITAT	1	NO	YES	NOT REQUIRED
		OCTOBER			ADAPTATION AND ACCUMATIZATION	1	NO	YES	NOT REQUIRED
		OCTOBER			DISCUSSION OF THEORETICAL AND THINKING SKILLS Q	1	NO	YES	NOT REQUIRED
		OCTOBER			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		OCTOBER			TEST OF CH-10.HABITAT:LIVING ORGANISMS AND THEIR	1	NO	YES	NOT REQUIRED
11	SCIENCE MISSION	OCTOBER	11	MOVING THINGS AND MEASUREMENT	REST AND MOTION	1	NO	YES	NOT REQUIRED
		NOVEMBER			DISTANCE(LENGTH)	1	TO MEASURE LENGTH OF A CURVED LINE	YES	YES
		NOVEMBER			TYPES OF MOTION	1	DEMONSTRATION OF CIRCULAR MOTION	YES	NOT REQUIRED
		NOVEMBER			TYPES OF MOTION	1	NO	YES	NOT REQUIRED
		NOVEMBER			DISCUSSION OF THEORETICAL AND THINKING SKILLS Q	1	NO	YES	NOT REQUIRED
		NOVEMBER			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		NOVEMBER			TEST OF CH-11.MOVING THINGS AND MEASUREMENT	1	NO	YES	YES
12	SCIENCE MISSION	NOVEMBER	12	ELECTRIC CURRENT AND CIRCUITS	INTRODUCTION ABOUT SOURCES OF ELECTRIC ENERGY	1	NO	YES	NOT REQUIRED
		NOVEMBER			A TORCH LIGHT	1	DRY CELLS ARE A SOURCE OF ELECTRICAL ENERGY IN A TORCH LIGHT	YES	YES
		NOVEMBER			CONDUCTORS AND NON-CONDUCTORS	1	TO TEST WHETHER A MATERIAL IS A CONDUCTOR OR A NON-CONDUCTOR OF ELECTRICITY	YES	NOT REQUIRED
		NOVEMBER			DRY CELL	1	NO	YES	NOT REQUIRED
		NOVEMBER			ELECTRIC CIRCUIT	1	TO SET UP A SIMPLE ELECTRIC CIRCUIT	YES	YES
		DECEMBER			BULE CFL, LED	1	NO	YES	NOT REQUIRED
		DECEMBER			DISCUSSION OF THEORETICAL AND THINKING SKILLS Q	1	NO	YES	NOT REQUIRED
		DECEMBER			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		DECEMBER			CLASS TEST OF CH-12.MOVING THINGS AND	1	NO	YES	NOT REQUIRED
POST- MID TERM ASSESSMENT(SYLLABUS-CHAPTERS 9,10,11,12)									
13	SCIENCE	JANUARY	13	MAGNETS AND MAGNETISM	A MAGNET	1	NO	YES	YES
		JANUARY			MAGNETIC AND NON-MAGNETIC MATERIALS	1	TO TEST AND LEARN ABOUT THE MAGNETIC AND NON-MAGNETIC MATERIALS	YES	YES
		JANUARY			MAGNETIC FIELD AND LINES OF FORCE	1	TO LEARN ABOUT THE MAGNETIC POLES	YES	NOT REQUIRED
		JANUARY			MAGNETIC FIELD AND LINES OF FORCE	1	TO LEARN ABOUT MAGNETIC FIELD AROUND A MAGNET	YES	NOT REQUIRED
		JANUARY			MAKING YOUR MAGNET	1	NO	YES	NOT REQUIRED
		JANUARY			USES OF MAGNET	1	NO	YES	NOT REQUIRED
		JANUARY			DISCUSSION OF THEORETICAL AND THINKING SKILLS Q	1	NO	YES	NOT REQUIRED
		JANUARY			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	NOT REQUIRED
		JANUARY			TEST OF CH-13.MAGNETS AND MAGNETISM	1	NO	YES	YES
14	SCIENCE	JANUARY	14	LIGHT,SHADOWS AND	INTRODUCTION ABOUT LIGHT AND ITS SOURCES	1	NO	YES	YES
		JANUARY			PROPAGATION OF LIGHT	1	TO DEMONSTRATE THAT LIGHT TRAVELS IN A STRAIGHT LINE	YES	NOT REQUIRED
		JANUARY			PROPAGATION OF LIGHT	1	TO DEMONSTRATE THAT LIGHT TRAVELS IN A STRAIGHT LINE	YES	NOT REQUIRED
		JANUARY			PINHOLE CAMERA	1	TO MAKE A PINHOLE CAMERA	YES	YES
		JANUARY			SHADOWS	1	NO	YES	NOT REQUIRED
		JANUARY			REFLECTING SURFACES	1	NO	YES	NOT REQUIRED
		JANUARY			DISCUSSION OF THEORETICAL AND THINKING SKILLS	1	NO	YES	NOT REQUIRED
		JANUARY			OLYMPIAD QUESTIONS DISCUSSION	1	NO	YES	YES
		JANUARY			TEST OF CH-14.LIGHT,SHADOWS AND REFLECTIONS	1	NO	YES	YES
15	SCIENCE MISSION	JANUARY	15	WATER:RAIN, THUNDER AND LIGHTNING	FORMATION OF CLOUDS	1	NO	YES	NOT REQUIRED



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RED

January		Magnetic	2	To learn	Yes	Not
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