

BCM SCHOOL**A Senior Secondary School Affiliated To CBSE, New Delhi****CLASS→VI (2020-21)****SYLLABUS, BOOK→NCERT SCIENCE****SUBJECT→SCIENCE**

Month/Period	Theme	Concept/Skill	Inculcation	Integrated Activity	Assessment	Learning outcome	Internal Assessment
April 2 Periods	symbols	<ul style="list-style-type: none"> • Observation skill • Thinking skill 	<ul style="list-style-type: none"> • Periodic table • Educomp content 	<ul style="list-style-type: none"> • To make flash cards of symbols 	<ul style="list-style-type: none"> • Written Test 	Knowledge about the symbols of elements	
7 Periods	Ch-1 food where does it come from	<ul style="list-style-type: none"> • Questioning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Real objects • Uploaded videos 	<ul style="list-style-type: none"> • To show the different parts of plants. (With Arts) • To make the sprouts from seeds. 	<ul style="list-style-type: none"> • Oral test • Test of diagrams 	Awareness about sources of food and the food habits of animals.	
7 Periods	Ch-2 Components of food	<ul style="list-style-type: none"> • Thinking skill • Analytical skill • Environmental awareness • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Charts • Uploaded videos 	<ul style="list-style-type: none"> • To test the presence of protein, fats and starch in the given sample of food. • To make chart on balanced diet. (With Yoga) 	<ul style="list-style-type: none"> • Question framing • Test based on activities 	Knowledge about importance of balanced diet and deficiency diseases and their cure	
May 7 Periods	Ch-3 Fibre to fabric	<ul style="list-style-type: none"> • Reasoning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To find texture, absorption capacity of different fabrics. (With W.E) 	<ul style="list-style-type: none"> • Concept map • Oral test 	Understanding about properties of different fibres.	Weekly Test-I (Ch-1 & 2)
7 Periods	Ch-4 Sorting materials into groups	<ul style="list-style-type: none"> • Critical thinking • Reasoning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Different types of materials • Uploaded videos 	<ul style="list-style-type: none"> • To show the transparent, translucent and opaque material. • To show the solubility of different 	<ul style="list-style-type: none"> • Group discussion • Test based on activities 	Students will come to know about the grouping of materials on the basis of their properties	

				substances in water <ul style="list-style-type: none"> • To distinguish between the objects on the basis of floatation and appearance. 			
June	Summer vacation						
July 7 Periods	Ch-5 Separation of substances	<ul style="list-style-type: none"> • Thinking skill • Questioning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Apparatus of filtration • Uploaded videos 	<ul style="list-style-type: none"> • To obtain clear water from the sample of muddy water by filtration, sedimentation and decantation • To show the process of hand picking, threshing, winnowing • To separate a mixture of sand, salt and iron filings 	<ul style="list-style-type: none"> • Written test • Diagram test 	Knowledge about methods of separation.	H.H.W
7 Periods	Ch-6 Changes around us	<ul style="list-style-type: none"> • Critical thinking • Reasoning skill • Questioning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Uploaded videos 	<ul style="list-style-type: none"> • To show the various reversible and irreversible changes 	<ul style="list-style-type: none"> • Written test • Worksheet 	Understanding of different kind of changes	Weekly Test-II (Ch-3&4)
August 7 Periods	Ch-7 Getting to know plants	<ul style="list-style-type: none"> • Social skill • Questioning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Uploaded videos 	<ul style="list-style-type: none"> • To show the structure of flower, (With Arts) parts of leaf, to test the presence of starch in a leaf. 	<ul style="list-style-type: none"> • Group discussion • Diagram test 	Knowledge about different parts of plants and their functions.	Periodic Test-I symbols& (Ch- 5, 6 & 7)
7 Periods	Ch-8 Body movements	<ul style="list-style-type: none"> • Reasoning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To observe different bones of human skeleton. (With 	<ul style="list-style-type: none"> • Question framing 	Knowledge of bones, joints and different types of	N.B, L.M and lab activity

				Physical Education)		locomotion of different animals	
September	MID TERM EXAMINATION	<ul style="list-style-type: none"> • Syllabus:- From April to August 					
October 2 Periods	Symbols of elements	<ul style="list-style-type: none"> • Observation skill • Analytical skill • Thinking skill 	<ul style="list-style-type: none"> • Periodic table 	<ul style="list-style-type: none"> • To make a chart of symbols 	<ul style="list-style-type: none"> • Written Test 	Knowledge about the symbols of elements.	
12 Periods	Ch-9 Living organisms and their surroundings	<ul style="list-style-type: none"> • Environmental awareness • Questioning skill • Observation skill • Critical thinking 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To study a desert plant. 	<ul style="list-style-type: none"> • Question framing 	Awareness about the conservation of the plants.	
7 Periods	Ch-10 Motion and measurement and distance	<ul style="list-style-type: none"> • Reasoning skill • Questioning skill • Observation skill • Critical thinking • recording 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To measure the length of curved line. 	<ul style="list-style-type: none"> • Test of numericals 	Knowledge about different types of motions.	Weekly Test-III (Ch-9&10)
November 7 Periods	Ch-11 Light ,shadows and reflection	<ul style="list-style-type: none"> • Reasoning skill • Questioning skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To construct a pin-hole camera. (With W.E) • To show that light always travels in a straight line & shadow formation. 	<ul style="list-style-type: none"> • Oral test • Worksheet 	Understanding the concept of light, its properties, and shadow formation.	
7 Periods	Ch-12 Electricity and circuits	<ul style="list-style-type: none"> • Thinking skill • Problem solving skill 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Situational props • Uploaded videos 	<ul style="list-style-type: none"> • To distinguish between conductors and insulators. • To show internal structure of cell • To make a simple circuit. 	<ul style="list-style-type: none"> • Group discussion • Test of diagrams 	Knowledge about various concepts related to electricity.	

7 Periods	Ch-13 Fun with magnets	<ul style="list-style-type: none"> • Observation skill • Analytical skill • Creative thinking 	<ul style="list-style-type: none"> • Experimentation • Educomp content • In-text questions • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To show the different properties of magnets. • To study a magnetic compass. • To show that like poles repel and unlike poles attract each other. 	<ul style="list-style-type: none"> • Question framing • Test based on activities 	Understanding that how to keep magnets safely and uses of magnets.	
December 7 Periods	Ch-14 Water	<ul style="list-style-type: none"> • Reasoning skill • Questioning skill • Observation skill • Critical thinking 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Uploaded videos 	<ul style="list-style-type: none"> • To make a chart of water cycle. (With Arts) 	<ul style="list-style-type: none"> • Oral test • Speech on the same topic 	Awareness about the importance of water and its conservation.	Periodic test-II Symbols & (Ch-11,12 &13)
7 Periods	Ch-15 Air around us	<ul style="list-style-type: none"> • Thinking skill • Problem solving skill • Observation skill 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Situational props • Uploaded videos 	<ul style="list-style-type: none"> • To show that air occupies space. • To show that air is needed for burning. 	<ul style="list-style-type: none"> • Oral test based on activities. 	Knowing the composition of air, uses of air and its properties.	H.H.W, N.B, L.M and lab activity
January 7 Periods	Ch-16 Garbage in- Garbage out	<ul style="list-style-type: none"> • Observation skill • Analytical skill • Environmental awareness 	<ul style="list-style-type: none"> • Educomp content • In-text questions • Discussion • Uploaded videos 	<ul style="list-style-type: none"> • To prepare compost from waste. (With W.E) 	<ul style="list-style-type: none"> • Speech on the same topic • Question framing 	Knowledge about biodegradable and non-biodegradable waste, process of vermicomposting, process of recycling the paper.	Weekly Test-IV (Ch-15&16)
February	FINAL EXAMINATION	Syllabus:-From October to January & CH-3 and 4 from Term-1.					

