

MORARJI DESAI RESIDENTIAL SCHOOL, KANDAGALLU.
KOTTUR (T) VIJAYANAGARA (D)

PROGRAMME OF WORK 2023-24

SUBJECT: SCIENCE

CLASS: 08

MONTH AND WORKING DAYS	NAME OF THE UNIT / LEARNING COMPETANCIES	PERIODS ALLOTTED	PERIODS ENGAGED	COMPLETED OR NOT COMPLETED	REASON IF NOT COMPLETED	HOMEWORK		TEACHER'S SIGN	PRINCIPAL SIGN
						GIVEN	CORRECTED		
MAY 03 DAYS	➡ PLANNING AND PREPARATION FOR THE ACADEMIC YEAR 2023-24	03							
JUNE 25 DAYS	➡ Bridge course ➡ Pre-Test ➡ Post – Test ➡ Preparation of Annual Plan	15							
	CHAPTER 01: CROP PRODUCTION AND MANAGEMENT ➡ Agricultural practices ➡ Basic practices of crop production ➡ Food from animals	10							
JULY 25 DAYS	CHAPTER 07: FORCE AND PRESSURE ➡ Force - A push or a Pull ➡ Forces are due to an interaction ➡ Exploring forces ➡ Change of state & shape of an object by force. ➡ Contact forces and non-contact Forces ➡ Atmospheric pressure	06							

MONTH AND WORKING DAYS	NAME OF THE UNIT / LEARNING COMPETANCIES	PERIODS ALLOTTED	PERIODS ENGAGED	COMPLETED OR NOT COMPLETED	REASON IF NOT COMPLETED	HOMEWORK		TEACHER'S SIGN	PRINCIPAL SIGN
						GIVEN	CORRECTED		
	CHAPTER 03: SYNTHETIC FIBRES AND PLASTIC ➡ Meaning of synthetic fibres ➡ Types of synthetic fibres ➡ Characteristics of synthetic fibres ➡ Plastics ➡ Plastics as a material of choice ➡ Plastics and the environment	05							
	CHAPTER 02: MICROORGANISMS: FRIEND & FOE ➡ Microorganisms ➡ Habitat of microorganisms ➡ Microorganisms and us ➡ Harmful microorganisms ➡ Food preservation ➡ Nitrogen fixation and Nitrogen cycle	05							
	CHAPTER 08: FRICTION ➡ Forces of friction ➡ Factors affecting friction ➡ Friction: a necessary evil ➡ Increasing and reducing friction ➡ Fluid friction	06							
	FORMATIVE ASSESMENT – 01	03							
AUGUST 26 DAYS	CHAPTER 04: MATERIALS: METALS & NON-METALS ➡ Physical and chemical properties of metals and non-metals ➡ Uses of metals and non-metals	10							

MONTH AND WORKING DAYS	NAME OF THE UNIT / LEARNING COMPETANCIES	PERIODS ALLOTTED	PERIODS ENGAGED	COMPLETED OR NOT COMPLETED	REASON IF NOT COMPLETED	HOMEWORK		TEACHER'S SIGN	PRINCIPAL SIGN
						GIVEN	CORRECTED		
	CHAPTER 06: CONSERVATION OF PLANTS AND ANIMALS ➡ Deforestation and its causes ➡ Conservation of forest and wildlife ➡ Biosphere reserve, Flora and Fauna ➡ Endemic species ➡ Wildlife sanctuary and National Park ➡ Red Dat Book, Migration ➡ Recycling of Paper, Reforestation.	09							
	CHAPTER 09: SOUND ➡ Sound is produced by a vibrating body ➡ Sound produced by humans ➡ Sound needs a medium for propagation ➡ We hear sound through our ears	07							
SEPTEMBER 24 DAYS	CHAPTER 09: SOUND [CONTINUED] ➡ Amplitude, time period and frequency of a vibration. ➡ Audible and inaudible sounds ➡ Noise pollution	04							
	CHAPTER 05: COAL AND PETROLEUM ➡ Coal and story of coal ➡ Petroleum and Natural Gas ➡ Some natural resources are limited	06							
	REVISION AND FORMATIVE ASSESMENT – 02	14							
OCTOBER [01-10-2023 to 07-10-	SUMMATIVE ASSESMENT – 01	06							

MONTH AND WORKING DAYS	NAME OF THE UNIT / LEARNING COMPETANCIES	PERIODS ALLOTTED	PERIODS ENGAGED	COMPLETED OR NOT COMPLETED	REASON IF NOT COMPLETED	HOMEWORK		TEACHER'S SIGN	PRINCIPAL SIGN
						GIVEN	CORRECTED		
2023]									
OCTOBER [25-10-2023 to 31-10-2023]	CHAPTER 10: COMBUSTION AND FLAME	11							
	➡ What is combustion?								
	➡ How do we control fire?								
	➡ Types of combustion.								
	➡ Flame and its structure								
	➡ Fuel and its efficiency								
NOVEMBER 23 DAYS	CHAPTER 11: CELL – STRUCTURE AND FUNCTIONS	07							
	➡ Discovery of the cell, Variety in cells								
	➡ Cell – structure and function								
	➡ Parts of the cell								
	➡ Comparison of plant and animal cells								
	CHAPTER 15: SOME NATURAL PHENOMENA	07							
	➡ Lightning and charging by rubbing								
	➡ Types of charges and their interaction								
	➡ Transfer of Charge								
	➡ The story of lightning and lightning safety								
	➡ Earthquake: meaning, causes & protection.								
	CHAPTER 16: LIGHT	09							
	➡ What makes things visible								
	➡ Laws of reflection								
	➡ Regular and diffused reflection								
	➡ Multiple reflections and images								
	➡ Sunlight								
	➡ Structure of an eye and care of the eyes.								

MONTH AND WORKING DAYS	NAME OF THE UNIT / LEARNING COMPETANCIES	PERIODS ALLOTTED	PERIODS ENGAGED	COMPLETED OR NOT COMPLETED	REASON IF NOT COMPLETED	HOMEWORK		TEACHER'S SIGN	PRINCIPAL SIGN
						GIVEN	CORRECTED		
	☞ Braille system								
DECEMBER 25 DAYS	CHAPTER 12: REPRODUCTION IN ANIMALS	07							
	☞ Modes of reproduction ☞ Sexual reproduction ☞ Asexual reproduction								
	CHAPTER 14: CHEMICAL EFFECTS OF ELECTRIC CURRENT	08							
	☞ Do liquids conduct electricity? ☞ Chemical effects of electric current ☞ Electroplating								
	CHAPTER 13: REACHING THE AGE OF ADOLESCENCE	06							
	☞ Adolescence and puberty ☞ Changes at puberty ☞ Secondary sexual characters ☞ Role of hormones in initiating reproductive function ☞ Reproductive phase of life in humans ☞ Sex determination ☞ Hormones other than sex hormones ☞ Reproductive health								
	CHAPTER 17: STARS AND THE SOLAR SYSTEM	04							
	☞ Celestial objects ☞ The moon								

MONTH AND WORKING DAYS	NAME OF THE UNIT / LEARNING COMPETANCIES	PERIODS ALLOTTED	PERIODS ENGAGED	COMPLETED OR NOT COMPLETED	REASON IF NOT COMPLETED	HOMEWORK		TEACHER'S SIGN	PRINCIPAL SIGN
						GIVEN	CORRECTED		
JANUARY 24 DAYS	CHAPTER 17: STARS AND THE SOLAR SYSTEM [CONTINUED]	12							
	➡ The stars ➡ Constellations ➡ The solar system ➡ Some other members of solar system								
	CHAPTER 18: POLLUTION OF AIR AND WATER	12							
	➡ Air pollution ➡ How does air get polluted ➡ Case study – The Taj Mahal ➡ Greenhouse Effect ➡ Methods of preventing Air pollution ➡ Water pollution ➡ Purification of water ➡ Methods of prevention of water pollution								
FEBRUARY 23 DAYS	FORMATIVE ASSESMENT 04	23							
	➡ Revision classes								
	SCHOOL LEVEL PREPARATORY EXAMINATION	06							
MARCH 26 DAYS	➡ Revision Classes	26							
	STATE LEVEL ASSESSMENT EXAMINATION								
APRIL 09 DAYS	➡ Evaluation work	09							
	➡ Announcement of results								

Signature of Science Teacher
MDRS, Kandagallu.

Signature of Principal
Manjunatha SV 9900981366