| THE WISDOM GLOBAL SCHOOL                               |
|--|
| SYLLABUS BIFURCATION                                   |
| GRADE 5  |
| SUBJECT:-SCIENCE                                       |
| NAME OF BOOKS: SCIENCE MISSION                         |
| YEAR 2022-23   |
| NAME OF THE TEACHER:- MS RAKHI JAIN, MS SHIKHA KAUSHIK |

| S.NO |                | MONTH          | CHAP<br>TER<br>NUM<br>BER | CHAPTER NAME     | SUB-TOPICS  | NO.<br>OF<br>DAYS<br>REQUI<br>RED | ACTIVITY/PROPS              | SMART<br>BOARD<br>(PPT/V<br>IDEO) | CHARTS     |
|------|----------------|----------------|---------------------------|------------------|---|-----------------------------------|-----------------------------|-----------------------------------|------------|
| _    | SCIENCE        |                | 1                         | REPRODUCTION IN  | INTRODUCTION AND WARM UP                                      |                                   |                             |                                   | NOT        |
| 1    |                | APRIL          |                           | PLANTS           | QUESTIONS ABOUT FOOD  | 1                                 | NO                          | YES                               | REQUIRED   |
|      |                | APRIL          |                           |                  | VEGETATIVE PROPAGATION  | 1                                 | NO                          | YES                               | YES        |
|      |                | APRIL          |                           |                  | VEGETATIVE  | ļ                                 | TOR GOW A PLANT FROM A      | YES                               | YES        |
|      |                | APRIL          |                           |                  | REPRODUCTION THROUGH SEEDS                                    | 1                                 | NO                          | YES                               | YES        |
|      |                | APRIL          |                           |                  | REPRODUCTION THROUGH SEEDS                                    | 1                                 | PARTS OF A FLOWER           | YES                               | YES        |
|      |                | APRIL<br>APRIL |                           |                  | DISCUSSION OF THEORETICAL AND                                 | 1                                 | NO                          | YES                               | NOT<br>NOT |
|      |                | APRIL          |                           |                  | OLYMPIAD QUESTIONS DISCUSSION<br>TEST OF CH-1.REPRODUCTION IN | 1                                 | NO                          | YES<br>YES                        | NOT        |
|      |                | APRIL          |                           |                  | INTRODUCTION AND WARM UP                                      | 1                                 | NO                          | 1F2                               | NOT        |
| 2    | SCIENCE MISSIC | χ DDII         | 2                         | SEED GERMINATION | QUESTIONS ABOUT COMPONENTS OF                                 | 1                                 | NO                          | YES                               | REOUIRED   |
|      |                | APRIL          | 1                         | AND DISPERSAL    | STRUCTURE OF A SEED   | 1                                 | TO STUDY THE STRUCTURE OF   | YES                               | YES        |
|      |                | APRIL          | 1                         |                  | PROCESS OF GERMINATION  | 1                                 | TO OBSERVE THE GROWTH       | YES                               | NOT        |
|      |                | APRIL          | 1                         |                  | PROCESS OF GERMINATION  | 1                                 | TO STUDY THE CONDITIONS     | YES                               | NOT        |
|      |                | APRIL          |                           |                  | DISPERSAL OF SEEDS  | 1                                 | NO                          | YES                               | NOT        |
|      |                | APRIL          |                           |                  | DISPERSAL OF SEEDS  |                                   | NO                          | YES                               | YES        |
|      |                | APRIL          |                           |                  | DISPERSAL OF SEEDS  | 1                                 | NO                          | YES                               | YES        |
|      |                | APRIL          |                           |                  | DISCUSSION OF THEORETICAL AND                                 | ÷                                 | NO                          | YES                               | YES        |
|      |                | MAY            |                           |                  | OLYMPIAD QUESTIONS DISCUSSION                                 | ÷                                 | NO                          | YES                               | YES        |
|      |                | MAY            |                           |                  | TEST OF CH-2.SEED GERMINATION AND                             | 1                                 | NO                          | YES                               | YES        |
|      |                | MAY            |                           |                  | DISCUSSION OF THEORETICAL AND                                 | i                                 | NO                          | YES                               | NOT        |
|      |                | MAY            |                           |                  | OLYMPIAD QUESTIONS DISCUSSION                                 | 1                                 | NO                          | YES                               | NOT        |
|      |                | MAY            |                           |                  | TEST OF CH-2.COMPONENTS OF FOOD                               | ÷                                 | NO                          | YES                               | NOT        |
| 3    |                |                | 3                         | SKELETAL AND     | SYSTEM  | 1                                 | NO                          | YES                               | AND        |
| 3    | SCIENCE MISSIC | MAY            |                           | MUSCULAR SYSTEM  | SKULL   | 1                                 | SKULL MODEL                 | YES                               | CHARTS     |
|      |                | MAY            |                           |                  | VERTEBRAL COLUMN, RIBCAGE                                     | l i                               | NO                          | YES                               | CHARTS     |
|      |                | MAY            | 1                         |                  | LIMBS   | 1                                 | LIMBS MODEL                 | YES                               | CHARTS     |
|      |                | MAY            |                           |                  | TYPES OF JOINTS   | 1                                 | TO UNDERSTAND ALL THE       | YES                               | NOT        |
|      |                | MAY            | 1                         |                  | TYPES OF JOINTS   | 1                                 | TO UNDERSTAND JOINTS IN THE |                                   | NOT        |
|      |                | MAY            |                           |                  | TYPES OF JOINTS   | 1                                 | NO                          | YES                               | NOT        |
|      |                | MAY            |                           |                  | DISCUSSION OF THEORETICAL AND                                 | ÷                                 | NO                          | YES                               | NOT        |
|      |                | MAY            |                           |                  | OLYMPIAD QUESTIONS DISCUSSION                                 | 1                                 | NO                          | YES                               | NOT        |
|      |                | MAY            | 1                         |                  | TEST OF CH-3.SKELETAL AND                                     | 1                                 | NO                          | YES                               | NOT        |
|      |                | MAY            | -                         |                  | REVISION OF CH-1. REPRODUCTION IN                             | 1                                 | LIMBS MODEL                 | YES                               | NOT        |
|      |                | MAY            | -                         |                  | REVISION OF CH-1. REPRODUCTION IN                             | 1                                 | TO UNDERSTAND ALL THE       | YES                               | NOT        |
|      |                | MAY            | -                         |                  | REVISION OF CH-2.SEED GERMINATION                             | 1                                 | TO UNDERSTAND JOINTS IN THE |                                   | NOT        |
|      |                | MAY            | -                         |                  | REVISION OF CH-2.SEED GERMINATION                             | <del>l i</del>                    | NO                          | YES                               | NOT        |
|      |                | MAY            | 1                         |                  | REVISION OF CH-3.SKELETAL AND                                 | 1                                 | NO                          | YES                               | NOT        |
|      |                | MAY            | -                         |                  | REVISION OF CH-3.SKELETAL AND                                 | 1                                 | NO                          | YES                               | NOT        |
|      |                | MAY            | 1                         |                  | REVISION OF CH-3.SKELETAL AND                                 | <del>l î</del>                    | NO                          | YES                               | NOT        |
|      |                |                | <del></del>               | DI.              | RE MID TERM ASSESSMENTS                                       | <u> </u>                          | 1110                        | 1                                 |            |
| 4    | SCIENCE MISSIO |                | 4                         | NERVOUS SYSTEM   | INTRODUCTION AND WARM UP                                      |                                   | NO                          | YES                               | NOT        |
|      |                | JULY           |                           |                  | PARTS OF A BRAIN  |                                   | NO                          | YES                               | YES        |
|      |                | JOTA           |                           |                  | PARTS OF A BRAIN  | I                                 | TO MAKE A MODEL OF THE      | YES                               | NOT        |
|      |                | JULY           | ļ                         |                  | NERVES  | 1                                 | NO                          | YES                               | NOT        |
|      |                | JULY           |                           |                  | REFLEX ACTION   | 1                                 | NO                          | YES                               | NOT        |
|      |                | JULY           | ļ                         |                  | PARTS OF A EYE AND ITS CARE                                   | 1                                 | TO EXAMINE THE PUPILLARY    | YES                               | NOT        |
|      |                | JULY           |                           |                  | PARTS OF EARS   | 1                                 | NO                          | YES                               | NOT        |

|   |                | JULY  |   |                    | NOSE,TONGUE,SKIN  | 1   | NO   | YES  | NOT  |
|---|----------------|---|---|--------------------|---|---|--|--|--|
|   |                | TULY  |   |                    | DISCUSSION OF THEORETICAL AND   |   | NO   | YES  | NOT  |
|   |                | JULY  |   | <del> </del>       | OLYMPIAD QUESTIONS DISCUSSION   |   | NO   | YES  | NOT  |
|   |                | TULY  |   |                    | TEST OF CH-4.NERVOUS SYSTEM   |   | NO   | YES  | NOT  |
|   | SCIENCE        | JOH   |   | HEALTH, DISEASES   | INTRODUCTION ABOUT  | -   | 1.0  | 120  | 1.01   |
| 5 | MISSION        | JULY  | 5                                       | AND HYGIENE        | HEALTH, DISEASES AND HYGIENE  | 1   | NO   | YES  | YES  |
|   |                | TULY  |   | ANDITIGIENE        | COMMUNICABLE DISEASES   | i   | TO IDENTIFY THE DISEASE BBY  | YES  | YES  |
|   |                | TULY  |   |                    | COMMUNICABLE DISEASES   | 1   | TO FIND OUT MORE ABOUT   | YES  | YES  |
|   |                | TULY  |   |                    | DEFICIENCY DISEASES   |   | NO   | YES  | YES  |
|   |                | AUGUST  |   |                    | DEFICIENCY DISEASES   |   | NO   | YES  | YES  |
|   |                | AUGUST  |   |                    | DEFICIENCY DISEASES   |   | NO   | YES  | YES  |
|   |                | AUGUST  |   |                    | NON-COMMUNICABLE DISEASES   | 1   | NO   | YES  | YES  |
|   |                | AUGUST  |   |                    | CLEANLINESS, HYGIENE AND EXERCISE   | 1   | TO MAKE YOUR OWN GERMS   | YES  | NOT  |
|   |                | AUGUST  |   |                    | DISCUSSION OF THEORETICAL AND   |   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | OLYMPIAD QUESTIONS DISCUSSION   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | TEST OF CH-5.HEALTH, DISEASES AND   |   | NO   | YES  | NOT  |
| 5 | SCIENCE MISSIC | AUGUST  |   |                    | REVISION OF CH-1. REPRODUCTION IN   |   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-2.SEED GERMINATION   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-2.SEED GERMINATION   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-3.SKELETAL AND   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-3.SKELETAL AND   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-3.SKELETAL AND   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-4.NERVOUS SYSTEM   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-4.NERVOUS SYSTEM   | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-5. HEALTH, DISEASES  | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-5. HEALTH, DISEASES  | 1   | NO   | YES  | NOT  |
|   |                | AUGUST  |   |                    | REVISION OF CH-5. HEALTH, DISEASES  | 1   | NO   | YES  | NOT  |
|   |                |   |   | SOIL EROSION AND   |   |   |  |  |  |
| 6 | SCIENCE MISSIC | SEPTEMBE  | 7                                       | CONSERVATION       | INTRODUCTION ABOUT SOIL   | 1   | NO   | YES  | YES  |
|   |                | SEPTEMBER   | R                                       |                    | SOIL EROSION AND ITS CAUSES   | 1   | TO SHOW THAT BARE SOIL EROI  | YES  | NOT  |
|   |                | SEPTEMBER   | R                                       |                    | SOIL EROSION AND ITS CAUSES   | 1   | NO   | YES  | NOT  |
|   |                | SEPTEMBE  | R                                       |                    | SOIL CONSERVATION   | 1   | NO   | YES  | NOT  |
|   |                | SEPTEMBE  | R                                       |                    | WAYS TO CONSERVE SOIL   | 1   | NO   | YES  | NOT  |
|   |                |   |   |                    |   |   |  |  |  |
|   |                | SEPTEMBER   | R                                       |                    | WAYS TO CONSERVE SOIL   | 1   | NO   | YES  | NOT  |
|   |                | SEPTEMBE  | R                                       |                    | DISCUSSION OF THEORETICAL AND   | 1   | NO   | YES  | NOT  |
|   |                |   | R                                       |                    | DISCUSSION OF THEORETICAL AND<br>TEST OF CH-6.SOIL EROSION AND  | 1   |  |  |  |
|   |                | SEPTEMBE  | R                                       |                    | DISCUSSION OF THEORETICAL AND   | 1   | NO   | YES  | NOT  |
|   |                | SEPTEMBE  | R                                       |                    | DISCUSSION OF THEORETICAL AND<br>TEST OF CH-6.SOIL EROSION AND  | 1   | NO   | YES  | NOT  |
| 7 | SCIENCE MISSIO | SEPTEMBEI<br>SEPTEMBEI  | R                                       | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND  | 1 1 1                                     | NO   | YES  | NOT  |
| 7 | SCIENCE MISSIC | SEPTEMBEI<br>SEPTEMBEI  | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND  | 1 1                                       | NO<br>NO   | YES<br>YES   | NOT<br>YES   |
| 7 | SCIENCE MISSIO | SEPTEMBEI<br>SEPTEMBEI<br>SEPTEMBE  | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS   | 1 1                                       | NO<br>NO<br>NO   | YES<br>YES<br>YES                                    | NOT<br>YES   |
| 7 | SCIENCE MISSIC | SEPTEMBEI<br>SEPTEMBEI<br>SEPTEMBE<br>SEPTEMBEI   | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS  | 1<br>1<br>1<br>1<br>1                     | NO<br>NO<br>NO<br>NO   | YES<br>YES<br>YES<br>YES                             | YES<br>YES   |
| 7 | SCIENCE MISSIO | SEPTEMBEI SEPTEMBE SEPTEMBEI SEPTEMBEI SEPTEMBEI  | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS   | 1<br>1<br>1<br>1<br>1<br>1                | NO<br>NO<br>NO<br>NO<br>TO MAKE A FOSSIL   | YES<br>YES<br>YES<br>YES<br>YES                      | YES YES YES YES  |
| 7 | SCIENCE MISSIO | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER   | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS  | 1<br>1<br>1<br>1<br>1<br>1<br>1           | NO NO NO TO MAKE A FOSSIL  | YES<br>YES<br>YES<br>YES<br>YES                      | YES YES YES YES YES  |
| 7 | SCIENCE MISSIO | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER   | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS FOSSIL FUELS FOSSIL FUELS  | 1<br>1<br>1<br>1<br>1<br>1<br>1           | NO NO NO NO TO MAKE A FOSSIL NO  | YES<br>YES<br>YES<br>YES<br>YES<br>YES<br>YES        | YES  |
| 7 | SCIENCE MISSIO | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER   | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL  |   | NO NO NO NO TO MAKE A FOSSIL NO NO NO NO   | YES              | YES  |
| 7 | SCIENCE MISSIC | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER   | R<br>R<br>8                             | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES  |   | NO NO NO NO TO MAKE A FOSSIL NO NO NO  | YES<br>YES<br>YES<br>YES<br>YES<br>YES<br>YES<br>YES | YES  |
| 7 | SCIENCE MISSIO | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER   | 8<br>8<br>R<br>R<br>R                   | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND  | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO   | YES              | YES  |
| 7 | SCIENCE MISSIC | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER   | 8<br>8<br>R<br>R<br>R                   | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS  |   | NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO   | YES              | YES  |
| 7 |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER OCTOBER   | R<br>R<br>8<br>R<br>R<br>R              | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION  |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO  | YES              | YES  |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI NOVEMBEI   | R<br>R<br>8<br>R<br>R<br>R              |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS  |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO NO NO NO   | YES              | YES YES YES YES YES YES YES YES YES NOT REQUIRED NOT REQUIRED NOT YES                                      |
| 7 |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI   | 8<br>8<br>R<br>R<br>R<br>R              | ROCKS AND MINERALS | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND  |   | NO NO NO NO NO TO MAKE A FOSSIL NO   | YES              | YES YES YES YES YES YES YES YES YES NOT REQUIRED NOT REQUIRED NOT YES CHARTS                               |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI   | R<br>R<br>8<br>R<br>R<br>R<br>R<br>R    |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS   |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO NO TO UND TO UNDERSTAND THAT ATOMS O   | YES              | YES YES YES YES YES YES YES YES YES NOT REQUIRED NOT REQUIRED NOT CHARTS CHARTS                            |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI   | 8 8 R R R R R R R R R R R R R R R R R R |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES   |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO NO NO TO UNDERSTAND THAT ATOMS (NO NO  | YES              | YES  |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI NOVEMBEI  | 8 8 R R R R R R R R R R R R R R R R R R |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES   |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO TO UODERSTAND THAT ATOMS ON TO SHOW THAT SUBSTANCES  | YES              | YES  |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI   | 8 8 R R R R R R R R R R R R R R R R R R |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES SOLUTIONS AND SOLUBILITY  |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO TO UNDERSTAND THAT ATOMS ON TO SHOW THAT SUBSTANCES TO OBSERVE THAT SUBSTANCES   | YES              | YES YES YES YES YES YES YES YES YES NOT REQUIRED NOT REQUIRED NOT YES CHARTS CHARTS CHARTS NOT             |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI   | 8 8 R R R R R R R R R R R R R R R R R R |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES SOLUTIONS AND SOLUBILITY HOW DOES A SOLUBILITY FORM?  |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO NO TO UNDERSTAND THAT ATOMS ON NO TO SHOW THAT SUBSTANCES TO OBSERVE THAT SUBSTANCES   | YES              | YES YES YES YES YES YES YES YES NOT REQUIRED NOT REQUIRED NOT CHARTS CHARTS CHARTS CHARTS NOT NOT          |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI  | R R R R R R R R R R R R R R R R R R R   |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES SOLUTIONS AND SOLUBILITY HOW DOES A SOLUBILITY FORM?  |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO TO WATE A FOSSIL NO NO TO WATE A FOSSIL NO NO NO TO UNDERSTAND THAT ATOMS ON TO SHOW THAT SUBSTANCES NO TO SHOW THAT OIL IS                                | YES              | YES YES YES YES YES YES YES YES YES NOT REQUIRED NOT REQUIRED NOT CHARTS CHARTS CHARTS NOT NOT NOT NOT NOT |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI  | 8 8 R R R R R R R R R R R R R R R R R R |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES SOLUTIONS AND SOLUBILITY HOW DOES A SOLUBILITY FORM? FLOATING AND SINKING   |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO NO NO TO UNDERSTAND THAT ATOMS ON TO SHOW THAT SUBSTANCES TO OBSERVE THAT SUBSTANCES NO TO SHOW THAT OIL IS NO   | YES              | YES  |
| 8 | SCIENCE MISSIC | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI | 8 8 R R R R R R R R R R R R R R R R R R | SOLIDS, LIQUIDS,   | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS POSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES SOLUTIONS AND SOLUBILITY HOW DOES A SOLUBILITY FORM? HOW DOES A SOLUBILITY FORM? FLOATING AND SINKING PHYSICAL AND CHEMICAL CHANGES |   | NO NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO TO UNDERSTAND THAT ATOMS ON TO SHOW THAT SUBSTANCES TO OBSERVE THAT SUBSTANCES NO TO SHOW THAT OIL IS NO TO SHOW THAT OIL IS NO TO OBSERVE THE POWER OF | YES              | YES  |
|   |                | SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI SEPTEMBEI OCTOBER OCTOBER OCTOBER OCTOBER NOVEMBEI | 8 8 R R R R R R R R R R R R R R R R R R |                    | DISCUSSION OF THEORETICAL AND TEST OF CH-6.SOIL EROSION AND MID TERM ASSESSMENT INTRODUCTION ABOUT ROCKS AND MINERALS TYPES OF IGNEOUS ROCKS TYPES OF SEDIMENTARY ROCKS TYPES OF METAMORPHIC ROCKS METALLIC MINERALS NON-METALLIC MINERALS FOSSIL FUELS NEED TO CONSERVE NATURAL RESOURCES DISCUSSION OF THEORETICAL AND THINKING SKILLS QUESTIONS OLYMPIAD QUESTIONS DISCUSSION TEST OF CH-7.ROCKS AND MINERALS INTODUCTION ABOUT MOLECULES AND ELEMENTS AND COMPOUNDS MOLECULES IN SOLIDS, LIQUIDS, GASES MOLECULES IN SOLIDS, LIQUIDS, GASES SOLUTIONS AND SOLUBILITY HOW DOES A SOLUBILITY FORM? FLOATING AND SINKING   |   | NO NO NO NO NO TO MAKE A FOSSIL NO NO NO NO NO NO NO NO TO UNDERSTAND THAT ATOMS ON TO SHOW THAT SUBSTANCES TO OBSERVE THAT SUBSTANCES NO TO SHOW THAT OIL IS NO   | YES              | YES  |

| NOVEMBER | MACHINES AND ITS TYPES            | 1   | NO                          | YES | NOT |
|----------|-----------------------------------|-----|-----------------------------|-----|-----|
| NOVEMBER | LEVER                             | 1   | TO MAKE A LEVER USING A BLO | YES | NOT |
| NOVEMBER | LEVER                             | 1   | NO                          | YES | NOT |
| NOVEMBER | PULLEY, WHEEL AND AXLE            | 1   | TO MAKE A RAMP              | YES | NOT |
| NOVEMBER | INCLINED PLANE, WEDGE             | 1   | NO                          | YES | NOT |
| NOVEMBER | SCREW                             | 1   | TO SHOW THAT A SCREW IS AN  | YES | NOT |
| NOVEMBER | SAFETY HABITS WHILE USING SIMPLE  | 1   | NO                          | YES | NOT |
| NOVEMBER | DISCUSSION OF THEORETICAL AND THI | 1 l | NO                          | YES | NOT |

|     |                |                    |    |                  |   | 1 | NO                              | YES        | NOT             |
|-----|----------------|--------------------|----|------------------|---|---|---------------------------------|------------|-----------------|
|     |                |                    |    |                  | REVISION OF CH-8.ROCKS AND                                    |   |                                 |            | NOT             |
|     |                | DECEMBER           | ₹  |                  | MINERALS  | 1 | NO                              | YES        | REQUIRED        |
|     |                |                    |    |                  | REVISION OF CH-8.ROCKS AND                                    |   |                                 |            | NOT             |
|     |                | DECEMBER           | }  |                  | MINERALS  | 1 | NO                              | YES        | REQUIRED        |
|     |                |                    |    |                  | REVISION OF CH-8.ROCKS AND                                    |   |                                 |            | NOT             |
|     |                | DECEMBER           | 2  |                  | MINERALS  | 1 | NO                              | YES        | REQUIRED        |
|     |                | DECEMBER           |    |                  | REVISION OF CH9. SOLIDS, LIQUIDS,                             |   |                                 |            | NOT             |
|     |                | DECEMBER           | ₹  |                  | GASES   | 1 | NO                              | YES        | REQUIRED        |
|     |                |                    |    |                  | REVISION OF CH9. SOLIDS, LIQUIDS,                             |   |                                 |            | NOT             |
|     |                | DECEMBER           | ₹  |                  | GASES   | 1 | NO                              | YES        | REQUIRED        |
|     |                | DECEMBER           | ,  |                  | REVISION OF CH9. SOLIDS, LIQUIDS,                             | 1 | NO                              | YES        | NOT<br>REQUIRED |
|     |                | DECEMBER           |    |                  | GASES<br>REVISION OF CH9. SOLIDS, LIQUIDS,                    | 1 | _                               |            | REQUIRED        |
|     |                | DECEMBER           | ₹  |                  | GASES   | 1 | NO                              | YES        | REQUIRED        |
|     |                | DEGEMBER           | ,  |                  | REVISION OF CH9. SOLIDS, LIQUIDS,                             | 1 | NO                              | YES        | REOUIRED        |
|     |                | DECEMBER           | (  |                  | GASES   | 1 | INO                             | 1 ES       | KEQUIKED        |
|     |                | DECEMBER           | ₹  |                  | REVISION OF CH10. MACHINES WE USE                             | 1 | NO                              | YES        | REQUIRED        |
| -,, |                |                    |    |                  | POST- MID TERM ASSESSMENT                                     |   |                                 | *****      |                 |
| 10  | SCIENCE MISSIC | JANUARY<br>IANUARY | 11 | Light and Shadow | INTRODUCTION ABOUT LIGHT<br>PROPERTIES OF LIGHT               | 1 | NO<br>TO SHOW THAT LIGHT TAVELS | YES<br>YES | YES<br>YES      |
|     |                | JANUARY<br>JANUARY |    |                  | TYPES OF OBJECTS  | 1 | NO                              | YES        | YES             |
|     |                | JANUARY            |    |                  | SHADOWS   | 1 | TO UNDERSTAND SHADOW            | YES        | YES             |
|     |                | IANUARY            |    |                  | SIZE OF SHADOWS   | î |                                 | YES        | NOT             |
|     |                | JANUARY            |    |                  | LUNAR ECLIPSE   | 1 | NO                              | YES        | NOT             |
|     |                | JANUARY            |    |                  | SOLAR ECLIPSE   | 1 | NO                              | YES        | NOT             |
|     |                | JANUARY            |    |                  | DISCUSSION OF THEORETICAL AND THIN                            | 1 | NO                              | YES        | NOT             |
|     |                | JANUARY            |    |                  | OLYMPIAD QUESTIONS DISCUSSION                                 | 1 | NO                              | YES        | NOT             |
|     |                | JANUARY            |    |                  | TEST OF CH-10.LIGHT AND SHADOW                                | 1 | NO                              | YES        | NOT             |
| 11  | SCIENCE MISSIC |                    | 12 | Air and Water    | ATMOSPHERE AND ITS LAYERS                                     | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR<br>FEBRUAR |    |                  | LAYERS OF ATMOSPHERE COMPOSITION OF AIR                       | 1 | NO<br>NO                        | YES<br>YES | YES<br>NOT      |
|     |                | FEBRUAR            |    |                  | PROPERTIES OF AIR   | i | NO                              | YES        | NOT             |
|     |                | FEBRUAR            |    |                  | PROPERTIES OF AIR   | 1 | TO SHOW THAT AIR HAS            | YES        | NOT             |
|     |                | FEBRUAR            |    |                  | REMOVING INSOLUBLE IMPURITIES                                 | ī | TO SHOW THAT AIR EXERTS         | YES        | NOT             |
|     |                | FEBRUAR            |    |                  | REMOVING SOLUBLE IMPURITIES                                   | 1 | NO                              | YES        | NOT             |
|     |                | FEBRUAR            |    |                  | TOWN WATER SUPPLY   | 1 | TO SEPARATE SALT FROM A MIX     |            | NOT             |
|     |                | FEBRUAR            |    |                  | DISCUSSION OF THEORETICAL AND THIN                            |   |                                 | YES        | YES             |
|     |                | FEBRUAR            |    |                  | OLYMPIAD QUESTIONS DISCUSSION                                 | 1 | NO                              | YES        | NOT             |
|     |                | FEBRUAR            |    |                  | TEST OF CH-12.AIR AND WATER                                   | 1 | NO                              | YES        | NOT             |
| 12  | SCIENCE MISSIO | FEBRUAR            |    |                  | INTRODUCTION ABOUT ANIMALS HABITATS, EATING HABITS            | 1 | NO<br>NO                        | YES<br>YES | YES<br>YES      |
| 14  |                | FEBRUAR            | 13 | Animals          | EATING HABITS   | 1 | NO                              | YES        | YES             |
|     | +              | FEBRUAR            |    |                  | MOVEMENT IN ANIMALS   | 1 | NO                              | YES        | YES             |
|     | +              | FEBRUAR            |    |                  | MOVEMENT IN ANIMALS   | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | BODY COVERINGS  | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | BREATHING METHODS   | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | MIGRATION AMONG ANIMALS                                       | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | DISCUSSION OF THEORETICAL AND THIN                            |   | NO                              | YES        | YES             |
|     | 1              | FEBRUAR            |    |                  | OLYMPIAD QUESTIONS DISCUSSION                                 | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | TEST OF CH-13. ANIMALS  | 1 | NO<br>NO                        | YES<br>YES | NOT<br>NOT      |
|     | 1              | FEBRUAR<br>FEBRUAR |    |                  | REVISION FOR FINAL ASSESSMENTS REVISION FOR FINAL ASSESSMENTS | 1 | NO<br>NO                        | YES        | YES             |
|     | 1              | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | YES             |
|     | +              | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | NOT             |
|     |                | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | ì | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | YES             |
|     |                | FEBRUAR            |    |                  | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | YES             |
|     | 1              | FEBRUAR            |    | I                | REVISION FOR FINAL ASSESSMENTS                                | 1 | NO                              | YES        | NOT             |

|  | FEBRUAR           |  |  |  | 1 | NO | YES | NOT |  |
|--|-------------------|--|--|--|---|----|-----|-----|--|
|  | FINAL ASSESSMENTS |  |  |  |   |    |     |     |  |
|  |                   |  |  |  |   |    |     |     |  |