Year 7 - SCIENCE

DISTANCE LEARNING WEEKLY PLAN

| Subject | Science | |
|----------------|---|--------------|
| Class/ | Year 7 A-F | |
| Division | | Mode of |
| Week | Week-42 (13 th June and 17 th June) | teaching |
| No. of lessons | 4 | |
| Unit | Unit 7H Atom, Elements and molecules | |
| | Chapter: 7H d Making Compounds | |
| Lesson 1 | Learning Objectives: Formation of compounds from elements. | |
| | Learning outcome: | |
| | • Describe changes that occur when compounds are formed. | |
| | • Identify elements compounds and mixtures from | |
| | descriptions and particle diagrams. | |
| | Name simple compounds | Zoom Session |
| | List few compounds of silicon and oxygen. | |
| Task | Record the reaction of iron and sulphur to form iron sulphur. | |
| | Find the rule in naming a compound. | |
| | Question and Answers Pages 128 - 129 | |
| Resources | Active learn Text Book Exploring Science 7 | |
| | Active learn presentation, Work sheets. | |
| Lesson 2 | Chapter: 7He Chemical Reaction | |
| | Learning Objectives: : Uses of chemical reactions | |
| | Learning outcome: | |
| | • Use and understand word equations for chemical reactions | |
| | • Describe examples and uses of decomposition reactions. | |
| | Express few common chemical reactions with word equations. | |
| Task | Explain thermal decomposition with examples. | Zoom Session |
| | Write the word equation of decomposition of copper carbonate to | |
| | copper oxide and carbon-dioxide. | |
| Resources | Question and Answers Page 130- 131 | |
| | Active learn Text Book Exploring Science 7 | |
| | Active learn presentation, Work sheets.PPT | |
| Lesson 3 | | |
| | Recap - 7H d Making Compounds | |
| | 7He Chemical Reaction | |
| | Question answers of the lessons discussed. Work sheet questions | |
| | discussed, doubts cleared. | Google class |
| | | room |
| Task | Question Answers of the lessons, Solve Critical thinking questions, | |
| | doubts on worksheets cleared. | |
| Resource | | |
| | Active learn Text Book Exploring Science 7 | |
| | Active learn presentation, Work sheets. | |
| | to answer all the text back questions in the note back | |

<u>Note</u>: Students to answer all the text book questions in the note book.

Year 8 - SCIENCE

DISTANCE LEARNING

| Subject | Science | Mode of teaching |
|---------------|--|------------------|
| Class/ | Year 8 A-F | |
| Division | | |
| Week | Week 42 (13 th June to 17 th June, 2021) | |
| No of lessons | 3 | |
| Unit | 8D Unicellular organisms | |
| Lesson 1 | Chapter – 8Da Tackling Diseases | |
| | LO: How do microbiologists help in the treatment and prevention of | |
| | diseases? | |
| | Learning Outcomes: | |
| | • What is a pathogen? | |
| | Explain why more innovation is needed for antibiotics. | Zoom |
| Task | Explain why more innovation is needed for antibioties. Explain how a vaccine makes you immune to a certain disease. | lesson |
| | - Explain now a vacenie makes you minute to a certain disease. | 1055011 |
| Resources | Complete the text book questions 8 Da pages 56 - 57 | |
| | Text book Exploring Science (Active Learn) | |
| | Active learn slides and PowerPoint. | |
| | | |
| Lesson 2 | Chapter – 8Dd Protoctists | |
| | LO: What are the features of Protoctists? | |
| | Learning Outcomes: | |
| | • Describe the functions of the common parts of protoctist cell. | |
| | • Describe how Algae make their own food, and explain the | |
| | importance of this. | Zoom |
| | | lesson |
| Task | Answer the textbook questions 8 Dd pages 64-65 | |
| Resources | Text book Exploring Science (Active Learn) | |
| | Active learn slides and PowerPoint. | |
| | | |
| Lesson 3 | Reinforcement lesson on 8Dd Protoctists & 8Da Tackling Diseases | |
| Task | Discussion of textbook and workbook questions | |
| Tusk | | Zoom |
| | | lesson |
| Resources | Text book Exploring Science (Active Learn) | resson |
| | Active learn slides and PowerPoint. | |
| | | |

Homework – Science workbook pages 42, 47 & 48