

# SHARJAH INDIAN SCHOOL

## Syllabus for the Academic Year 2018- 2019

Grade: VII

Subject: PHYSICS

Prepared by :

(Name & Signature)

Mrs. Sajie Thomas Sunny

Mrs.Chithra Aswathnath

| Month     | SCHOLASTIC AREAS  |          |  | CO- SCHOLASTIC AREAS                              |
|-----------|-------------------|----------|--|---|
|           | Lesson / Unit No. | Page No. | Title of Lesson / Unit                     | Activity, Projects, Assignments etc.              |
| April     | Unit 3 Lesson 13  | 190      | Time and motion                            | Distance – Time Graph                             |
| May       | Unit 3 Lesson 13  | 190      | Time and motion ( contd.)                  | Sand clock  |
| June      | Unit 1 Lesson 4   | 39       | What is thermal energy and heat?           | Mode of heat transfer- Conduction                 |
| July      | Unit 1 Lesson 4   | 39       | What is thermal energy and heat? ( contd.) | Modes of heat transfer- Convection and radiation. |
| September | Unit 2 Lesson 8   | 104      | Winds, storms and cyclones.                | Air pressure-activity                             |

# SHARJAH INDIAN SCHOOL

## Syllabus for the Academic Year 2018 - 2019

Grade: VII

Subject: PHYSICS

Prepared by: Mrs. Sajie Thomas Sunny  
(Name & Signature)

Mrs.Chithra Aswathnath

| Month    | SCHOLASTIC AREAS  |          |   | CO- SCHOLASTIC AREAS                 |
|----------|-------------------|----------|---|--------------------------------------|
|          | Lesson / Unit No. | Page No. | Title of Lesson / Unit                        | Activity, Projects, Assignments etc. |
| October  | Unit 3 Lesson 14  | 208      | Revision<br>Electric current and its effects. | Simple electric circuit              |
| November | Unit 3 Lesson 14  | 208      | Electric current and its effects. ( contd.)   | Electromagnet.                       |
| December | Unit 3 Lesson 15  | 227      | Light   | Image formation by mirrors.          |
| January  | Unit 3 Lesson 15  | 227      | Light ( contd.)                               | Image formation by lens              |
| February | Unit 3 Lesson 15  | 227      | Light ( contd.)<br>Revision                   |                                      |