

**CARMEL CONVENT SR. SEC. SCHOOL, B.H.E.L., BHOPAL**  
**SYLLABUS - 2016 - 17**  
**SUBJECT - SCIENCE**  
**CLASS - VIII**

**FORMATIVE ASSESSMENT - I**

CHEMISTRY	-	Synthetic Fibres and Plastics
PHYSICS	-	Force and its effects
BIOLOGY	-	Crop Production

**FORMATIVE ASSESSMENT - II**

CHEMISTRY	-	Metals and Non metals
PHYSICS	-	Frictional Force
BIOLOGY	-	Microorganism

**SUMMATIVE ASSESSMENT - I**

CHEMISTRY	-	1. Synthetic Fibres and Plastics 2. Metals and Non - Metals 3. Combustion and Fossil Fuels
PHYSICS	-	1. Force and its effects 2. Frictional Force 3. Pressure 4. Sound [Propagation of Sound]
BIOLOGY	-	1. Crop Production 2. Microorganism 3. Conservation of Wildlife

### **FORMATIVE ASSESSMENT – III**

CHEMISTRY - Chemical effects of Electric Current

PHYSICS - Sound [Characteristics and speed of sound]

BIOLOGY - Cell

### **FORMATIVE ASSESSMENT – IV**

CHEMISTRY - Environmental Pollution

PHYSICS - Light

BIOLOGY - Reproduction

### **SUMMATIVE ASSESSMENT- II**

CHEMISTRY - 1. Chemical effects of Electric Current

2. Environmental Pollution

PHYSICS - 1. Sound [Characteristics and speed of sound]

2. Light

3. The Universe

BIOLOGY - 1. Microorganism

2. Cell

3. Reproduction

**Note:** - Syllabus will include high order thinking Questions, value based questions to test the scientific skills of the students.

**TOOLS FOR FORMATIVE ASSESSMENTS**  
**SUBJECT – SCIENCE**  
**CLASS VIII**

**FORMATIVE ASSESSMENT – I**

1. Paper Pen
2. Symposium
2. Home Assignment & Contextual Research Work

**FORMATIVE ASSESSMENT – II**

1. Paper Pen
2. Science Quiz
3. Home Assignment & Power Point Presentation

**FORMATIVE ASSESSMENT – III**

1. Paper Pen
2. Home Assignment & Observational Analysis
3. Fun With Science

**FORMATIVE ASSESSMENT – IV**

1. Paper Pen
2. Activity Based Experiments
3. MCQ

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