



## Curriculum for Year 8

In this section you will find the topics covered in the various subjects studied by Year 8 pupils for the academic year 2015/2016.

For further information on our curriculum please contact our Deputy Head, Mrs Stephanie Bateman, on [sbateman@fairfieldhigh.tameside.sch.uk](mailto:sbateman@fairfieldhigh.tameside.sch.uk).

### Topics Covered

#### Science

- Diet and Health
- Electricity and Electromagnets
- Atoms, Elements, and Compounds
- Photosynthesis and Circulation
- Materials and Everyday Chemistry
- Energy
- Reactions

#### English

- Shakespeare Play
- Modern Play
- Narrative Writing
- Unseen Poetry
- Modern Novel
- Points of View Writing

## Mathematics

- Whole Numbers and Decimals
- Measures, Perimeter, and Area
- Expressions and Formulae
- Fractions, Decimals, and Percentages
- Angles and 2D Shapes
- Graphs
- Decimal Calculations
- Statistics
- Transformations and Scale
- Transformations and Symmetry
- Equations
- Powers and Roots
- Constructions and Pythagoras
- Sequences
- 3D Shapes and Trigonometry
- Ratio and Proportion
- Probability
- Everyday Maths

## Religious Studies

### Christianity & Islam

- Jesus and Muhammad (pbuh)
- Sources of authority
- Different groups within a faith
- Teachings
- Dress codes

### Spirituality

- What is spirituality?
- What qualities do spiritual people value
- Is spiritual the same as religious?
- Jesus in Art
- Spirited Arts

### Hinduism

- Where did Hinduism begin?
- What can we learn from the Ramayana?

- Hindu deities
- What is Karma?

## History

- Tudors and Stuarts 1500-1750
- African Americans including the slave trade and the 1960s Civil Rights Movement

## Physical Education

- Netball
- Volleyball
- Cross Country
- Sports Hall Athletics
- Gymnastics
- Dance
- Athletics
- Rounders
- Orienteering

## Drama

- Pantomime
- Ghost Stories
- Exploring Play Texts

## Music

- Samba / African
- Pitch Perfect

- Blues
- Variations
- Musical Theatre
- Minimalism into Dance

## German

- Food and Drink
- Local Area
- Fashion and Shopping
- Going on a Trip
- Self, Friends and Family
- Daily Routine

## French

- Where I live
- Holidays
- Are you trendy?
- Paris, I love you!
- My Identity

## Art & Design

- Natural form
- Cubism
- Patterns in nature

## Business

- Business Objectives
- Innovation
- Business ethics
- Private Limited Business
- Public Limited Business
- Revenue, Costs and Profit

## Computing

- Representing Images
- Operating Systems and the Command Line
- Foundations of Computers: Binary
- Instruction Sets
- Connecting to the Internet

## Geography

- Introduction to the Tropical World
- Life in the Rainforest
- Resources and Deforestation
- Rainforest Creativity
- Poverty and Development
- Africa
- Economic Activity
- Ethical Consumerism
- Coasts
- The Drainage Basin
- Dovestones Field Trip

## Life Skills

- Sex and Relationship Education
- Child Sexual Exploitation
- Drugs
- Careers – Step Into the NHS
- Citizenship – Local Council and Community
- Animal Welfare
- Health and Safety
- Bullying

## Technology

- Textiles – Cushion Project
- Food – Healthy Eating, Nutrition, Use of Electrical Equipment
- Product Design – Picture Frame Project
- Electronics – Steady Hand Game Project