

## Expressive Arts

*Creative work combines knowledge and skills using the senses, inspiration and imagination.*

Sunset Silhouette—Iron Man

Works of Antony Gormley—statues

**American Specialist Teacher for Specials**

## Science and Technology

*Forces and energy determine the structure and dynamics of the Universe.*

### **Electricity and Sound**

- identify common appliances that run on electricity

- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers

- recognise some common conductors and insulators, and associate metals with being good conductors

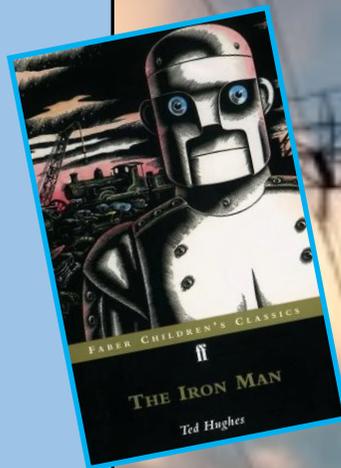
- identify how sounds are made, associating some of them with something vibrating

- recognise that vibrations from sounds travel through a medium to the ear

- find patterns between the pitch of a sound and features of the object that produced it

- find patterns between the volume of a sound and the strength of the vibrations that produced it

- DT project—harness the wind /Iron Man with light-up eyes



## **Year 4**

### **Term 1a**

## **Out of this World!**

### **The Iron Man**

#### **Key Question 1 -**

*How can we use our voice to make the world a better place?*

*Sustainable Goal 13  
Climate action*



### **Taking Action**

Energy experts to promote sustainable use of electricity/fossil fuels.

Guardians of the Planet page

## **Maths**

*The number system is used to represent and compare relationships between numbers and quantities.*

**Place Value, Addition,**

**Subtraction, Multiplication, Division,**

## **Computing**

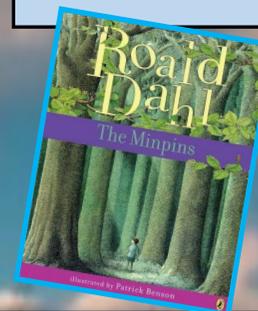
**E-safety: Google  
Don't fall for fake**

## **Humanities**

*Informed, self-aware citizens engage with the challenges and opportunities that face humanity, and are able to take considered, ethical and sustainable action.*

Describe and understand climate

Use fieldwork to observe, measure and record—traffic in Brunssum/modes of transport



## **Health and Well-being**

*Healthy relationships are fundamental to our sense of belonging and well-being*

### **Being me in my World**

Includes understanding 'my place' in class, school and global community.

**Forest School**

## **Literacy, Language and Communication**

*Literature fires imaginations and inspires creativity.*

### **Class novels:**

**The Iron Man** by Ted Hughes,

**The Minpins** by Roald Dahl

*Learners who speak and write effectively are prepared to play a full part in life and work*

Opportunities to write and present through exploration of quality texts and talk for writing approach:

### **Writing to entertain:**

Narrative - Description of setting, character - Iron Man arrival

### **Writing to inform**

Non-fiction - Instructions 'How to be a home hero.' Linked to electricity use.

### **Poetry: Short burst poem**

Recipe for a friend

*Learning about identity and culture through languages prepares learners to be citizens of the world*

### **Specialist lessons:**

EAL, French, German daily options