



## Dynamic Dynasties History

### Companions

- Tints, Tones and Shades (Y5) Art and design
- Moving Mechanisms Design and technology
- Investigating Our World Geography
- Taotie Art and design
- Forces and Mechanisms Science
- Earth and Space Science

### Planned term

Autumn Term

### Memorable experience

Exploring taotie motifs. Design, make and evaluate our own taotie using casting techniques.

### Innovate challenges

Life after the Shang Dynasty. [Moving Mechanisms] - Designing and making a pneumatic prototype. [Taotie] - Making taotie pieces. [Forces and Mechanisms] - Let's investigate focus: observing, measuring and recording.

### Class text

Wonder by R.J. Palacio

### Writing

Poetry based on 'Is This a Poem? What Makes a Poem and how can YOU write one' by Roger Stevens; write an information text about another adventurer based on 'Great Adventures: The Incredible Expeditions of 20 Explorers' by Alastair Humphreys; write a fairy tale from an altered perspective based on 'Straw into Gold: Fairy Tales respun' by Hilary McKay.

### Mathematics

Teaching for Mastery using White Rose Maths supported by NCETM PD spines and Power Maths.

### Science

Learning about forces and mechanisms - contact and non-contact forces; gravity; mass and weight; discovering gravity - important scientists; friction; air resistance; water resistance; mechanisms - levers, pulleys, gears; investigating forces and mechanisms; working scientifically - identifying and classifying, observing changes over time, comparative tests, research and pattern seeking.

### Physical education

Following the Primary PE Passport: Touch Rugby, Yoga, Volleyball & Gymnastics (matching, mirroring and contrast).

### Art and design

[Tints, Tones and Shades] - Colour theory; colour wheel; mixing tints, shades and tones; landscapes. [Taotie] - Taotie motifs; casting methods; watercolour.

### Computing

Following the Teach Computing curriculum: Computing systems and networks & creating media - video editing.

### Design and technology

[Moving Mechanisms] - Pneumatic systems; joining and finishing; iterative design process; building pneumatic machine prototypes.

### Geography

Ordnance Survey maps; contour lines; six-figure grid references; time zones; climate zones; vegetation belts; biomes; human geography; world cities; sustainable manufacturing processes; relative locations and distances; transport networks; settlement hierarchy; local enquiry; fieldwork.

### History

Ancient China; timelines and chronology; Shang Dynasty; sources and artefacts; oracle bones and religious beliefs; Bronze Age in ancient China; historical enquiry; significance of jade and silk; power and social hierarchy; everyday life; warfare; significant individual - Di Xin; end of the Shang Dynasty; life after the Shang Dynasty; legacy.

### Music

Following the Charanga Musical School primary curriculum programme. All learning is based around one song: Livin' on a Prayer.

### Personal, social and health education

SCARF: Me and My Relations & Valuing Difference.

### Religious education

What does it mean if Christians believe God is holy and loving? What does it mean to be Muslim in Britain today?

**Spanish**

Food - singular and plural nouns; Food likes and dislikes - singular and plural; Drinks; Meals; At a restaurant role play.  
Culture link: Christmas (La Navidad) - various activities.