

Text
Wonder – R. J Palacio

Art & Design
- I can experiment with a range of media (incl. drawing, painting and textiles) to explore colour, texture, shape and form.
- I can explore different types of figurative and abstract collage, e.g. montage, decoupage, digital, mosaic.
- I can create a collage that communicates a message to the viewer.
- I can evaluate my own and others' work.

Literacy

- I know how to read aloud and understand new words, as well as ask questions about the text.
- I know how to distinguish the different between fact and opinion.
- I know how to retrieve, record and present information from non-fiction.
- I know how to skim and scan effectively for vocabulary, key ideas and facts.
- I know how to make recommendations, giving reasons and can participate in discussions about books, giving reasoned justifications for my views.
- I know how to make predictions, from details stated and implied.
- I know how to draw inferences, justifying with evidence.
- I can summarise ideas from more than one paragraph.
- I can read aloud and evaluate a range of poetry.
- I know how use subordinate conjunctions to add additional information to a main clause.
- I know how to use modal verbs within a diary entry.
- I know how to write, using characterisation, and use parenthesis
- I know how to write a diary entry, as a main character.
- I know how to edit and improve my writing.
- I know how to write persuasively, using a range of features such as rhetorical questions, evaluating and improving my technique.

Oracy-Cognitive skills

- I can explain events and ideas in chronological order.
- I can reach a shared agreement in discussions.
- I can disagree with someone's opinion, politely.

Maths

- I know the place value of numbers to 1,000,000.
- I know how to compare and order numbers to 1,000,000.
- I know how to round numbers to 1,000,000.
- I know how to add and subtract by using the formal written methods.
- I know how to multiply and divide by using the formal written methods.
- I know how to solve problems involving place value and the four operations (addition, subtraction, multiplication and division).

Spanish

- I know how to talk about members of my family.
- I know the numbers to 100.

RE

- I know what it means to be a Sikh.
- I know why religion is important to different people.
- I know what the Christmas story means to Christians.
- I know that some people do not believe in the Christmas story but I know the importance of respecting everyone's views and beliefs.

Computing & Online Safety

- I know the features of an interactive game.
- I know how to develop an interactive game.
- I know how to crack codes using computing.
- I know the importance of staying safe online.

Mountains

Big Questions

- **Why do we have mountains?**
- **How do people interact with mountains?**

Intent
To know how mountains are created and what their significance is to the world at large.

Music
Music Maestros-ukelele

PHSE

- I know how to identify situations that may require the emergency services.
- I know the basic techniques for dealing with a head injury.
- I know the basic techniques for dealing with someone who is unresponsive and not breathing.
- I know why sleep is important for a healthy lifestyle.
- I know that bacteria and viruses can effect health and how everyday hygiene routines can limit the spread of infection.
- I know the importance of personal hygiene and how to maintain it.
- I know the importance of my identity and what this means to other

Geography

- I can explain how different types of mountains are formed.
- I can identify the different types of mountains.
- I can locate famous mountains globally.
- I can explain what the climate of a mountain is like.
- I can explore how mountains can create livelihoods.
- I can choose a mountain to do a case study on.

PE

- I know how to recognise and describe the effects of exercise on the body.
- I know the importance of strength and flexibility for physical activity.
- I know how to explain why it is important to warm up and cool down.
- I know how to work as part of a team and to evaluate skills.
- I can copy, remember, explore and repeat simple actions and link and vary ideas with control and coordination.
- I can apply compositional ideas to sequences alone & with others.
- I can describe my own and others work noting similarities & differences. I can make suggestions for improvements.
- I understand working safely, I recognise changes in my body and can give reasons why PE is good for health.

Science
Life cycles:

- I can define mammals, amphibians, insects and birds.
- I can describe the life cycles of each of these categories of animals (including metamorphosis in insects).
- I can identify what makes a successful life cycle.
- I can explore how humans help endangered species to complete their life cycles and raise population numbers.

Mountains

DT

| | | |
|---------------|-------------------|------------------|
| Research Plan | Sketch Prototype | Annotate Shaduf |
| Design Test | Make Select | Evaluate Purpose |
| Function | Mechanical system | Pulleys/gears |
| Measure | Mark | Cut |
| Combine | Components | Demonstrate |
| Solve | Encounter | Practical |
| Join | Assemble | Dismantle |

Art

| | | |
|----------|--------------|----------|
| collage | experiment | media |
| textiles | texture | shape |
| form | figurative | abstract |
| montage | decoupage | digital |
| mosaic | communicates | |

Literacy

| | | |
|---|---------------------|-----------------------------|
| Parenthesis – relative clause, dash, brackets | Persuasive Features | Compare Contrast |
| | Subordinate clause | Discuss Paragraph Technique |
| | Main clause | |
| Subordinating conjunction | Modal verb | Cohesion |
| | Possibility | |
| Fluency | Characterisation | Recount |
| | Retrieval | Skim and Scan |
| Decode | Draft | Re-draft |
| Edit | Improve | Up-level |
| Vocabulary | Evaluate | Evidence |
| Inference | Prediction | Opinion |
| Fact | | Justify |
| Retrieve | | |

Maths

| | | |
|----------------|----------------|-----------|
| Place value | Digit | Represent |
| Million | Thousand | Ten |
| | | Thousand |
| | | Hundred |
| | | thousand |
| | | Ones |
| Hundred | Tens | |
| Thousand | Four | |
| | operations | |
| | Round | Addition |
| | Subtraction | Minus |
| Equals | Equivalent | Same as |
| Nearest | Greater than | Less than |
| Compare | Order | Multiple |
| Multiplication | Prolem solving | Negative |
| Division | Estimate | numbers |
| Formal methods | | |

Geography

| | |
|-----------------|-------------|
| tectonic plates | summit |
| core | livelihoods |
| mantle | snowline |
| crust | treeline |
| plate | case study |
| boundaries | face |
| locate | peak |
| climate zone | ridge |
| globally | plateau |
| range | slope |
| outcrop | glacier |

Science

| | | | |
|---------------|-----------|-------------|---------------|
| life cycle | birth | growth | reproduction |
| metamorphosis | aging | death | mammal |
| amphibian | insect | bird | metamorphosis |
| larva | egg | pupa | cocoon |
| reproduce | habitat | environment | migrate |
| | migration | navigate | genetic |
| threatened | extinct | extinction | evolution |
| | | | endangered |

Music

| | |
|---------|----------|
| Discuss | Evaluate |
| Compare | Contrast |
| Discuss | Style |
| Compose | |

PSHE

| | | |
|-----------|-------------------|--------------|
| First Aid | Physical illness | Identity |
| Injuries | Healthy lifestyle | Differences |
| Emergency | | Similarities |
| Respond | Diseases | Awe |
| | Bacteria | Wonder |
| | Viruses | |
| | Personal hygiene | |

Computing & Online Safety

| | | |
|------------------------------|-----------------------|---------------|
| Developer | Self-Image | Identity |
| Responsible | Relationship | Avatar |
| Inappropriate representation | Digitally manipulated | Anonymity |
| Livestream | Harrassment | Influencer |
| Explicit | Digital footprint | Disinhibition |
| Features | Coding | Interactive |
| Evaluate | Code breaker | Gaming |

PE

| | | |
|------------|------------------|-----------|
| Fitness | Strength | Endurance |
| Health | Well being | Stamina |
| Core | Balance | Lifestyle |
| Resilience | Hold | Tone |
| Stretch | Warm up and down | Tension |

RE

| | |
|--------------|--------------|
| Religion | Belief |
| Value | Guru |
| Respect | Christianity |
| Symbols | Significance |
| Similarities | Importance |
| Differences | Church |
| Society | Celebration |
| Importance | Togetherness |
| Sikhism | Unity |
| Worship | |