

## Science Top Tips

### How You Can Help at Home

#### 1. Create a positive study environment

- Set up a quiet, well-lit space free from distractions.
- Ensure your child has all the necessary materials (notebooks, textbooks, pens).

#### 2. Encourage regular revision

- Short, frequent revision sessions (15–30 minutes) are more effective than cramming.
- Use revision websites like BBC Bitesize or Seneca Learning together to make learning fun.

#### 3. Support homework & project work

- Show interest in their assignments and encourage them to explain what they've learned.
- Help plan and organise bigger projects over several days or weeks.

#### 4. Ask open questions

- Encourage your child to think deeply: "Why do you think that happens?" or "How does this experiment work?"
- This helps develop scientific thinking and communication skills.

#### 5. Link science to everyday life

- Talk about how science appears in daily activities like cooking, weather, or health.
- Watch science documentaries or visit museums and science centres when possible.

#### 6. Encourage curiosity and questions

- Celebrate when your child asks questions - even if you don't know the answers, look them up together.
- Curiosity drives learning and confidence.

#### 7. Help your child organise their time

- Encourage them to use planners or apps to track homework and revision deadlines.
- Balance study time with breaks and relaxation.

#### 8. Communicate with teachers

- Don't hesitate to contact your child's science teacher if you have concerns or want advice on supporting learning.

| What does my child need to do?                           | How can I support them?  |
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| Learn vocabulary, definitions, explanations and methods. | Encourage them to... <ul style="list-style-type: none"> <li>• use Personal Learning Checklists (PLCs) and the online resources to make <b>revision flashcards</b>;</li> <li>• <b>test themselves</b> using the 'learn it' sheets until they are confident with the content;</li> <li>• test their knowledge using the <b>quizzes</b> on Seneca Learning and BBC Bitesize and the questions in the textbook.</li> </ul> |
| Apply knowledge and understanding.                       | Encourage them to... <ul style="list-style-type: none"> <li>• <b>practise exam questions</b> – provided by teachers.</li> <li>• <b>respond to their teachers feedback</b> and use the model answers that they provide to improve their answers.</li> </ul>   |
| Analyse data.  |  |
| Develop mathematical skills.                             |  |