Caldecote Primary School
Happy, Healthy, High-Achieving

GREEN CLASS HOME LEARNING

Summer 2 2026 States of Matter

Daily / Weekly

- **Reading**: Please read with your child for at least 20 minutes each day.
- **Spellings**: Spelling patterns and word lists will be uploaded to Seesaw each half-term. Please use these to support your child at home.
- **Maths**: Two Mathletics tasks will be set every Monday. Additionally, your child should regularly practise multiplication tables up to 12 × 12.

Each Monday, focus spellings (linked to class learning) will be uploaded to Seesaw. These will be tested in class the following Monday.

Topic related activities
***We would like you to complete at least 3 of these (but you can do more*!)**

- ✓ Investigate states of matter at home. Find 5 examples of solids, liquids and gases in your kitchen or house. Draw or list them.
- ✓ Design and carry out a simple experiment to show a change of state (for example: melting chocolate, ice melting, or water evaporating). Record what you did, what you observed, and what changed.
- ✓ Create a poster explaining the three states of matter (solid, liquid, gas)**.** Include diagrams and examples, and describe how particles behave in each state.
- ✓ Write a set of instructions for a mini science experiment that shows melting or freezing. Include equipment, method, results, and a clear explanation of what is happening.
- ✓ Find out about the water cycle and draw a labelled diagram showing evaporation, condensation, and precipitation. Explain how water changes state during the cycle.
- ✓ Does anyone in your family know any history about Caldecote or your local area? Find out how it has changed over time, especially the buildings, materials used, or environment.
- ✓ Research one scientist linked to particles, gases, or materials (e.g., John Dalton). Write a short fact file about what they discovered and why it matters.
- ✓ Design a comic strip showing a water droplet's journey as it changes from liquid to gas and back again.
- ✓ Make a model of particles in solids, liquids, and gases using household items (e.g., sweets, beads, or paper balls). Explain how your model shows how particles behave differently.

*These can brought into school at any time **before Friday 10th July** and will be shared regularly on **Fridays.***
Have fun!