



Science: States of Matter

Lesson One: Review What are the states of matter?

<https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/zsgwwxs>

Following on from last week, write the main properties of liquid in your book.

Find out: True or false: the particles in a liquid are further apart than in a solid?

Lesson Two: Changing state and reversible changes

Watch these videos:

<https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/z9ck9qt>

<https://www.bbc.co.uk/bitesize/topics/zcvv4wx/articles/z9brcw>

Experiment time! Hold chocolate in your hand for 100 seconds. After 100 seconds have passed, note down what has happened to your chocolate. What has changed? Why has it changed? Can this change be reversed? How? Are there any other solids you can experiment with in this way? Are there any solids this will not work with? Draw the diagrams in your book

Create a table in your book listing all of the solids you tried, whether or not they melted and if the change was reversible.

Continuing your recycling and upcycling project:

Depending on what you made last week, can you design and make something else? Is there an odd shaped recyclable item about to be thrown away? Can it be turned into something interesting and useful for the garden, kitchen, or study? E.g. a pencil pot, a garden gnome, hedgehog house or a draw organiser....

Read: [190919-ks2-recycle-week](#)

For ideas watch: <https://www.youtube.com/watch?v=zOv1wZvrEzE>

Week 4 Y4 Discovery

Marvellous Materials



For the next few weeks, our Discovery learning is going to be linked to Our science topic and The Iron Man

Cooking: A creative challenge....

Choose one canned ingredient from your store cupboard and research or invent a dish using that item as your main ingredient. Remember your dish has to be healthy as well as tasty!



e.g. Chickpeas or baked beans, tinned tomatoes, or tuna
Always check it is okay with your parents before starting to cook your dish.

Earth Day



Initiated by the United Nations Environment Programme ([UNEP](#)) and [TED-Ed](#), Earth School takes you on a 30-day "Adventure" through the natural world. **This is amazing-! Try this every day for 30 days and talk with an adult about what you learn.**

<https://ed.ted.com/earth-school>

Ask an adult to sign you up.

Art and design.

1. The Iron Man's eyes are special, what is special about yours? Use the link provided in the Wellbeing Wednesday sheet to draw your own eye.
2. Using the can left over from cooking and other recyclable materials to make a model of the Iron Man as he stands tall in the woods or a part of the Iron Man e.g. his head or his hand
3. Create a background for your Iron Man. If you have paint, paint the sky all shades of red, yellow, and orange like a sunset, like Lily's lovely picture above!

Don't forget to take a picture of your work!

Online safety watch these brilliant articles from Newsround
<https://www.bbc.co.uk/newsround/52228461>

Year 4/ P5 lessons

Monday 20 April - Friday 24 April

Try some of these lessons too- they are almost all revision! Especially Weds and Thurs English!

Bitesize
Daily lessons

Monday	Tuesday	Wednesday	Thursday	Friday
English Identifying when to use pronouns	English Writing expanded noun phrases	English Past tense verbs and verb families	English Adding description using adverbs and adverbial phrases	English Reading lesson: Please Mrs Butler by Allan Ahlberg
Maths Place value for four-digit numbers	Maths Finding 1000 more or less	Maths Round numbers to the nearest 10, 100 or 1000	Maths Negative numbers	Maths Challenge of the week
History How can I be a Historian?	Geography Introduction to maps	Science Introduction to light and dark	Music Start singing	Wellbeing The importance of developing teamwork

Find all this content and more at: bbc.co.uk/bitesize/dailylessons