



This resource planner illustrates the range of **FREE** curriculum-linked resources available on bp's educational service at bp.com/bpes. The resources are easy to use, interactive and engaging, helping you to support education recovery, build pupils' **science capital** and deliver great learning, in class, or at home.

- WS** Resources focused on working scientifically
 - NEW** New resources
 - top 10** Top 10 most popular resources
- See our full list of **most popular resources for primary pupils** here.

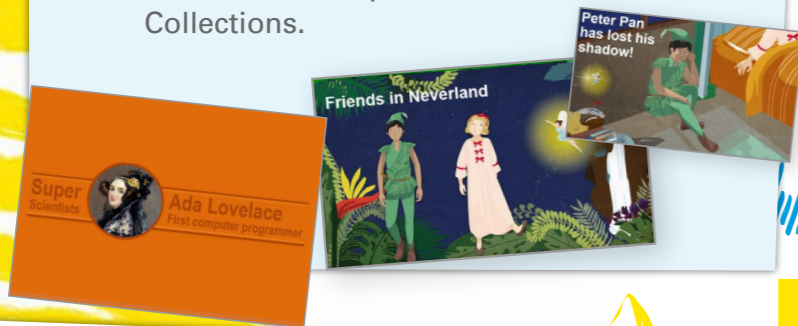
Resources may appear in more than one Topic area on the bpes website



11-20 March 2022

Science Week

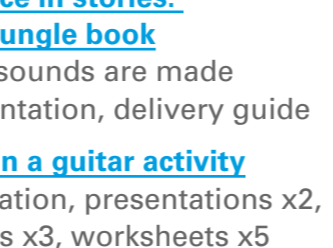
Our inspiring resources are ideal for Science Week. Get investigating with our popular Online experiments, *Science in stories*, *Ready. Steady. Science!* and *Super Scientist Collections*.



What's science capital?

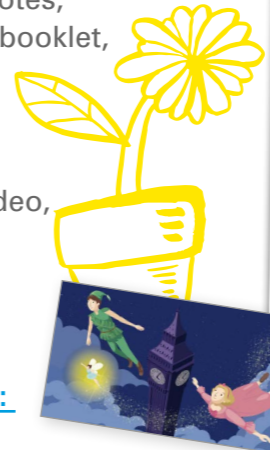
Science capital is a measure of a person's engagement or relationship with science, how much they value it, and whether they feel it's 'for them' and connected with their life. It recognises the significance of what they know, how they think, what they do and who they know in shaping their relationship with science.

At bp, we believe that **building science capital** has a positive effect, enables more young people to access jobs in STEM and helps to improve life chances. To find out more go to ucl.ac.uk/ioe-sciencecapital



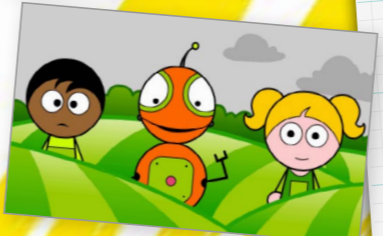
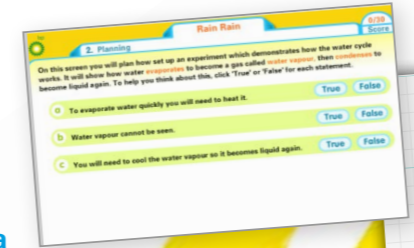
Plants

- Energy quiz starter idea**
Lesson idea, teachers' notes
- Sunflowers 1: planning an experiment**
Animation, teachers' notes, video, worksheets x4
- Sunflowers 2: obtaining and presenting evidence**
Interactive activity, teachers' notes, video, animation, information booklet, worksheets x4
- Sunflowers 3: considering and evaluating evidence**
Animation, teachers' notes, video, poster, information booklet



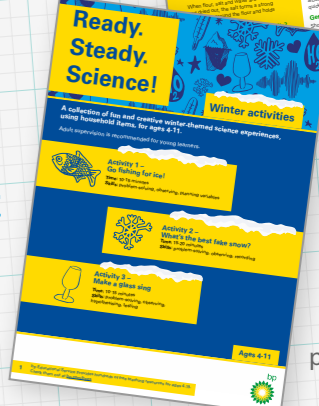
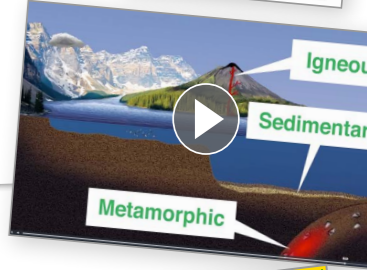
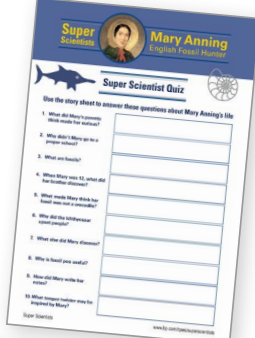
Light

- Science in stories: Peter Pan 1: how shadows are formed**
Presentation
- Science in stories: Peter Pan 2: why shadows change size and shape**
Presentation
- Science in stories: Peter Pan 3: shadow theatre**
Presentation, worksheet
- Science Talks: Earth and space**
Presentation, delivery guide, worksheets x3
- Super Scientists: Patricia Bath**
Presentation, worksheets x3



Rocks

- Fossil card activities**
Worksheets x3
- Fossil detectives activity**
Teachers' notes, poster, worksheets x3
- Fossils and rocks activities**
Lesson idea, video x4, worksheets x2
- Grouping rocks activities**
Worksheets x2
- Introducing evolution and inheritance**
Presentation, teachers' notes, videos x3
- Super Scientists: Mary Anning**
Presentation, information booklet, worksheets x2
- Practical activity ideas (the beach)**
Lesson idea
- Rock formation and the rock cycle (primary)**
Animation, poster
- Rock properties: starter video and worksheets**
Video, worksheets x2
- Rock types starter idea**
Lesson idea, teachers' notes
- Key earth event activities**
Worksheets x3



Sound

- Science in stories: The Jungle book**
How sounds are made
Presentation, delivery guide
- Design a guitar activity**
Animation, presentations x2, videos x3, worksheets x5



States of matter

- The water cycle: starter video and worksheets**
Video, worksheets x2
- Water cycle vocabulary starter idea**
Lesson idea, teachers' notes, poster



Practical experiments

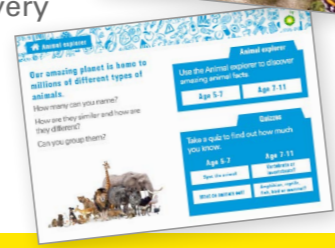
- Ready. Steady. Science! (primary)**
Lesson ideas x3
- Ready. Steady. Science! Dancing snakes**
Lesson idea
- Ready. Steady. Science! Straw rocket racer**
Lesson idea
- Ready. Steady. Science! Winter activities**
Lesson ideas x3

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Animals, including humans

- top 10** **Animal classification key poster**
- NEW** **Animal explorer**
Interactive activity, delivery guide, worksheets x6
- Food chains activity**
Presentation, poster



Forces and magnets

- NEW** **Air resistance online experiment**
Interactive activity, video, worksheets x2
- Forces Investigator poster**
- Forces lesson ideas**
Lesson ideas x3, posters x2, worksheet
- Forces treasure hunt activity**
Animation, teachers' notes, parents' notes, worksheet



Living things and their habitats

- Changing environments**
Video, teachers' notes x2, worksheets x2
- Litter comprehension and survey**
Teachers' notes x2, worksheets x3
- Plants practical investigation**
Presentation, teachers' notes x2, worksheets x2



- Decomposing and micro-organisms: starter video and worksheets**
Animation, worksheets x2
- Living environments: starter video and worksheets**
Animation, worksheets x2

- Environment vocabulary starter idea**
Lesson idea, teachers' notes
- Human impact on the environment starter idea**
Lesson idea, teachers' notes, poster



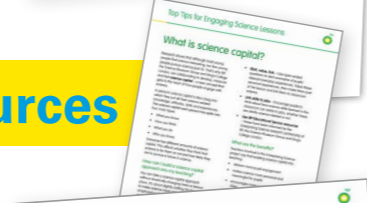
- Micro-organisms vocabulary starter idea**
Lesson idea, teachers' notes
- School environment survey**
Presentation, worksheet



- Living things worksheets (Science Explorers online training 7-11)**
Worksheets x17

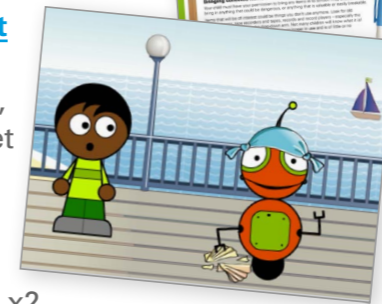
Supporting resources

- Top tips for engaging science lessons**
Lesson idea, worksheet
- Discussion poster template**



Materials

- Materials lesson ideas**
Lesson idea, poster, worksheets x3
- Materials treasure hunt activity**
Animation, lesson idea, parent notes, worksheet
- Classifying materials: starter video and worksheets**
Animation, worksheets x2
- Recovering dissolved solids: starter video and worksheets**
Animation, worksheets x2
- Separating solids: starter video and worksheets**
Animation, worksheets x2
- Thermal conductors and insulators experiment: starter video and worksheets**
Animation, worksheets x2
- Insulators and conductors starter idea**
Lesson idea, teachers' notes
- Properties of materials starter idea**
Lesson idea, teachers' notes
- Properties of materials vocabulary starter idea**
Lesson idea, teachers' notes
- Super Scientists: Becky Schroeder**
Presentation, information sheet, worksheets x2
- Design a car park barrier activity**
Animation, videos x3, presentations x2, worksheets x5
- Design a tower activity**
Animation, videos x4, presentations x2, worksheets x5



Electricity (and energy)

- Circuits lesson ideas**
Lesson ideas x3
- Circuits online experiment**
Interactive activity, delivery guide, video, worksheets x2
- Design an electric helicopter activity**
Animation, videos x5, presentations x2, worksheets x5
- Electricity treasure hunt activity**
Animation, lesson idea, parents' notes, worksheet
- Electricity vocabulary starter idea**
Lesson idea, teachers' notes, poster
- Energy game starter idea**
Lesson idea, teachers' notes
- Super Scientists: Nikola Tesla**
Presentation, information sheet, worksheets x2
- Renewable energy resources**
Video, presentation, poster, worksheets x2
- Super Scientists: Ada Lovelace**
Presentation, information booklet, worksheets x4

