



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

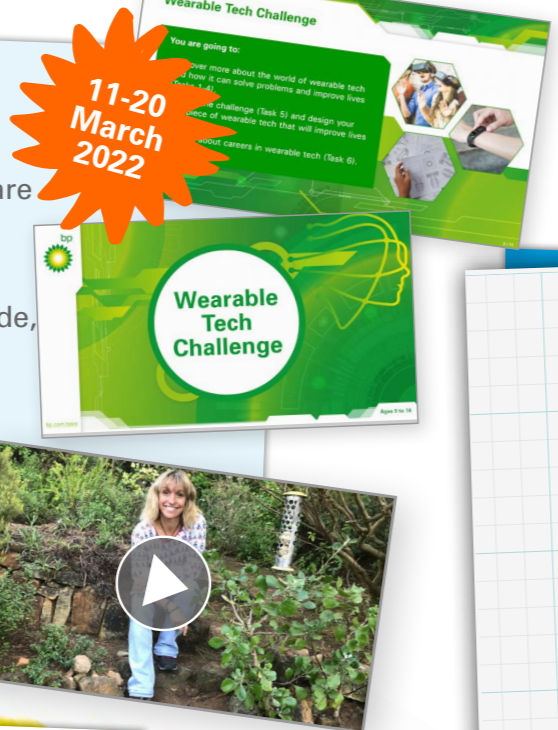
Resources may appear in more than one Topic area on the bpes website

See our full list of **most popular** resources for primary pupils here.

topic **Science Week**

resources

- NEW** **Wearable Tech Challenge**
Presentation, delivery guide, worksheets x2
- top 10** **Biodiversity Challenge: A home for nature**
Videos x4, delivery guide, worksheets x3



11-20 March 2022

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

Electricity (and energy)

- NEW** **Wearable Tech Challenge**
Presentation, delivery guide, worksheets x2
- Design an electric helicopter activity**
Animation, videos x5, presentations x2, worksheets x5
- Electricity investigation ideas (primary)**
Lesson idea, teacher's notes, worksheet
- Electricity topic starter: LEDs**
Video, interactive activity, teachers' notes
- Super Scientists: Nikola Tesla**
Presentation, information sheet, worksheets x2



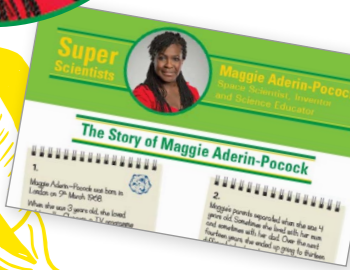
Practical experiments

- top 10** **Ready. Steady. Science! (primary)**
Lesson ideas x3
- top 10** **Ready. Steady. Science! Dancing snakes**
Lesson idea
- Ready. Steady. Science! Straw rocket racer**
Lesson idea
- top 10** **Ready. Steady. Science! Winter activities**
Lesson idea x3



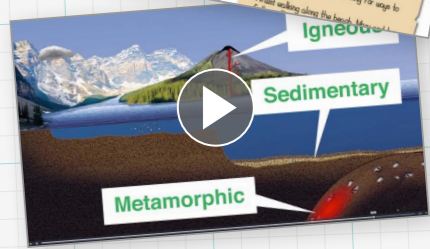
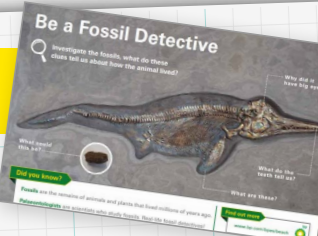
Earth and space

- top 10** **Science Talks: Earth and space**
Presentation, delivery guide, worksheets x3
- top 10** **Super Scientists: Maggie Aderin-Pocock**
Presentation, information booklet, worksheet x2
- Earth and space topic starter: Day and night**
Interactive activity, teachers' notes, video
- Super Scientists: Stephen Hawking**
Presentation, worksheets x2



Evolution and inheritance

- Super Scientists: Charles Darwin**
Presentation, worksheets x3
- Evolution and inheritance topic starter: Fossils**
Interactive, teachers' notes, video
- Fossil card activities**
Worksheets x3
- Fossil detectives**
Poster, teachers' notes, worksheets x3
- Introducing evolution and inheritance**
Presentation, teachers' notes, video x3
- Key earth event activities**
Worksheets x3
- Super Scientists: Mary Anning**
Presentation, information booklet, worksheets x2
- Evolution and inheritance: Practical activity ideas**
Lesson idea
- Rock formation and the rock cycle (primary)**
Animation, poster



Properties and changes of materials

Super Scientists: Becky Schroeder
Presentation, information sheet, worksheets x2

Super Scientists: Jamie Garcia
Presentation, information sheet, worksheets x2

Super Scientists: Marie Curie
Presentation, information sheet, worksheets x2

top 10 **Design a tower activity**
Animation, videos x4, presentations x2, worksheets x5

Materials investigation ideas (primary)
Lesson idea, teachers' notes, worksheet

Properties and changes of materials topic starter: Dissolving solids
Interactive activity, teachers' notes, video



Living things and their habitats

top 10 NEW **Biodiversity Challenge: A home for nature**
Videos x4, delivery guide, worksheets x3

Super Scientists: Sir David Attenborough
Presentation, information booklet, worksheets x2

top 10 **Design a paper spinner activity**
Animation, videos x3, presentation, worksheets x5

Excellent eggs practical activity
Presentation

Frog survival game
Teachers' notes, worksheets x2

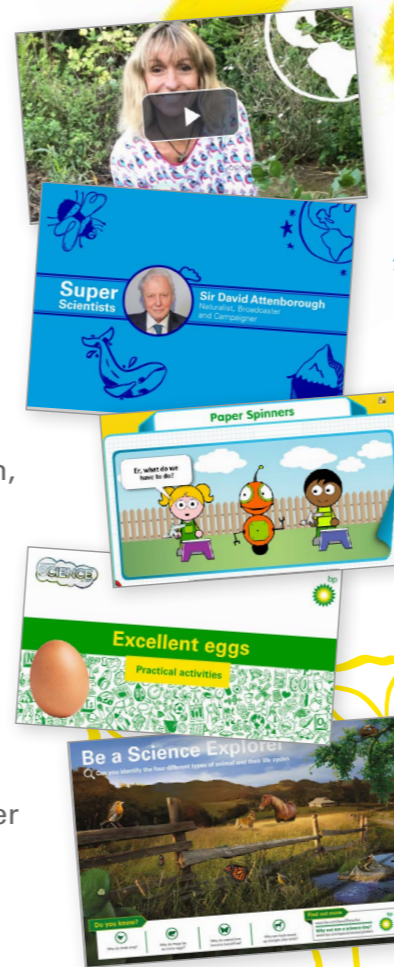
Human impact on the environment starter idea
Lesson idea, teachers' notes, poster

Life cycles
Presentation, poster, worksheet

Living things and their habitats topic starter: Seed dispersal
Interactive activity, teachers' notes, video

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

Surviving to adulthood
Video, teachers' notes, worksheets x2

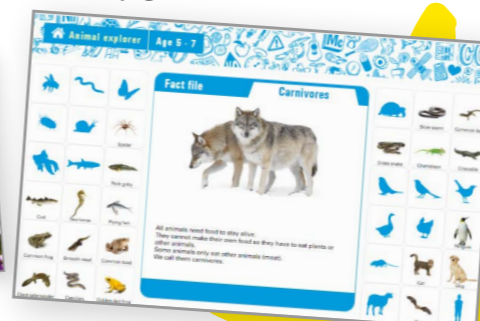


Animals, including humans

★ **Animals, including humans, topic starter: Heart rate**
Interactive activity, teachers' notes, video

top 10 NEW **Animal classification key poster**

NEW **Animal explorer**
Interactive activity, delivery guide, worksheets x6



Light

Super Scientists: Isaac Newton
Presentation, information booklet, worksheets x2

Light topic starter: Mirrors
Interactive activity, teachers' notes, video

Super Scientists: Patricia Bath
Presentation, information booklet, worksheets x2



Forces and magnets

top 10 NEW **Air resistance online experiment**
Interactive activity, video, worksheets x2

WS **Balloon rockets 1: Introduction to scientific investigation**
Video, teachers' notes

WS **Balloon rockets 2: Planning an experiment**
Interactive activity, teachers' notes, video, worksheet

WS **Balloon rockets 3: Obtaining and presenting evidence**
Interactive activity, teachers' notes, video, information booklet, worksheet

WS **Balloon rockets 4: Considering and evaluating evidence**
Video, teachers' notes, worksheet

Design a truck activity
Animation, videos x4, presentations x2, worksheets x5

Design a guitar activity
Animation, presentations x2, videos x3, worksheets x5

Design an electric helicopter activity
Animation, videos x5, presentations x2, worksheets x5

Forces lesson ideas
Lesson ideas x3, posters x2, worksheet

Forces investigation ideas (9-11)
Teachers' notes, lesson idea, worksheet

Forces topic starter: Friction
Interactive activity, teachers' notes, video

Super Scientists: Isaac Newton
Presentation, information booklet, worksheets x2

Super Scientists: Stephen Hawking
Presentation, worksheets x2



Supporting resources

WS **Top tips for engaging science lessons**
Lesson idea, worksheet

WS **Discussion poster template**

