

The logo is centered within a hand-drawn green rectangular border. It features the word "CLEAPSS" in a large, purple, rounded font. Below it, the word "primary" is written in a smaller, green, rounded font. At the bottom, the word "AMBASSADORS" is written in a bold, pink, rounded font. The entire text is enclosed within a green bracket-like shape.

CLEAPSS primary **AMBASSADORS**

Sally Fulford / Jason Harding / Maria Pack / Helen Spring

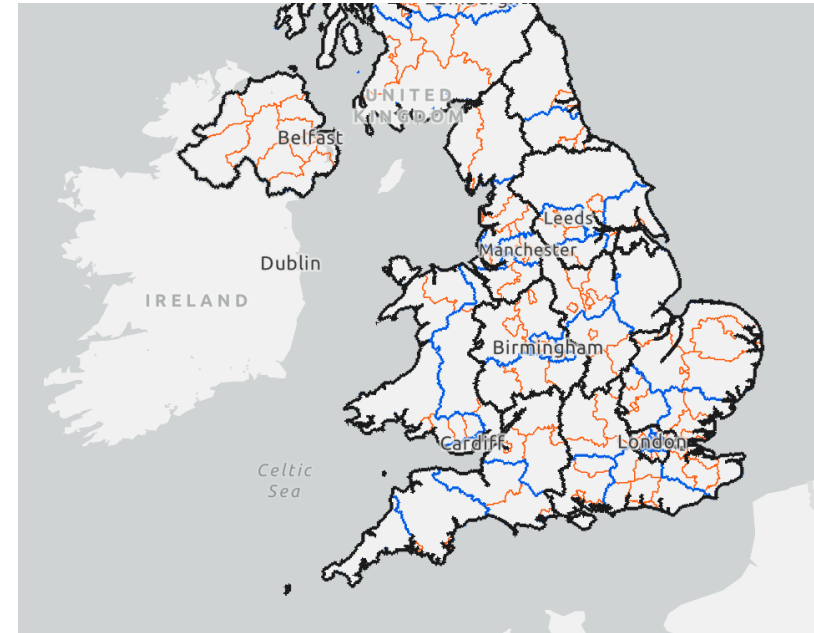
Why we thought this scheme was necessary

We want to

- Spread awareness of CLEAPSS Primary
- Improve engagement
- Highlight resources
- Get feedback

Progress so far

- Based on 'itl' regions and identified networks across the country to ensure a good coverage, we have invited **25** people to become ambassadors across England, Wales and Northern Ireland



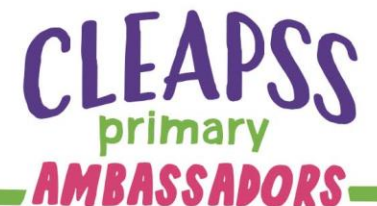
33 ITL2 regions + N Ireland and Wales (36 in total)

Our Proposal

- Starting in Spring 2025 (**Wednesday March 5th @4pm**) we will hold a termly webinar (lasting 30 mins) where we will showcase our new resources and disseminate any important safety updates.
- You (our ambassadors) will attend these webinars and then share information at your termly network meetings (and we'll provide the content to make this easy).
- Minutes will be sent out after each webinar with the materials.

What's in it for you?

- An individual subscription to CLEAPSS
- A CLEAPSS footer to use in your email footer if you wish
- Ready-made content for your network meetings
- An invitation to the launch event at ASE 2025 (Fri 10th Jan 16.45)



A word on H & S responsibilities

- Do not give safety advice
- Even when you know the answer

Instead promote
how teachers
can get advice
from CLEAPSS

P017 - Batteries for practical circuit work



This document provides guidance on choosing and purchasing batteries for practical circuit work.



Matched: Electricity

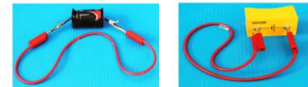
[View Resource](#)

CLEAPSS primary Supporting practical work in science, technology and art
- in primary schools

Batteries for practical circuit work

Why do you need specific batteries for practical circuit work?

It's very important to choose the correct batteries for circuit work because short circuits can occur. Short-circuited batteries can overheat becoming hot enough to cause a burn, melt plastic holders and insulation, as well as vent hot fumes and corrosive chemicals. A short-circuit happens if children directly connect the + and - terminals of the battery with a single wire.



Note: This guidance only applies to open circuit work not enclosed batteries inside equipment e.g. cameras, cordless screwdrivers, torches etc.

Which battery size and type is most suitable for practical circuit work?

For 1.5 volt batteries, we recommend:

- sizes D, C, AA and AAA (sizes C and D are better)
- zinc-carbon or zinc-chloride batteries

We do not recommend alkaline or rechargeable types.

Battery sizes

The common cylindrical sizes are still widely known by an old American standard: the sizes (largest to smallest) are D, C, AA and AAA. These are all nominally 1.5 volts.

D size	C size	AA size	AAA size

PP3 size

For 9V practical work we recommend zinc chloride or zinc carbon PP3 batteries. Again, we do not recommend using alkaline or rechargeable types.

To help prevent short circuits store PP3 batteries with a battery clip cover (most come with one). In the absence of a clip cover store them separately in lidded plastic boxes.

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Enter
activity here



Enter your search terms here
heart dissection

CLEAPSS
primary



Searching Searching entire Primary Site for Heart Dissection

1 2 3 4 ▶

Showing results 1 to 4 of 24

P174 - How to dissect a heart

An activity where children dissect a heart to find out what it really looks like.



[View Resource](#)

Matched: Dissection, Heart

P173 - Animal dissection in a primary school

Guidance on how to safely and meaningfully dissect animal materials.



[View Resource](#)

Matched: Dissection, Heart

CLEAPSS Explore#19

A guide to all our dissection resources.



[View Resource](#)

Matched: Dissection, Heart

PST57 - Autumn 2013

In this edition we have a close look at animal organs with advice on doing dissections in primary classrooms and take a trip to the Chelsea Physic Garden. We also review a new handy tool from the Motor Sports Association designed to kick-start students' risk management education.



[View Resource](#)

Matched: Dissection, Heart

Any questions so far?

It's not all safety

It's worth knowing about the amount of effort that goes into our resources

We do research into what primary teachers really need e.g. problems they have when trying to deliver a practical activity

All of that understanding goes into writing the practical activities, guidance and more...

Everything is **trialled** to make sure it's right for the audience



What will the termly webinars consist of?

CLEAPSS primary Supporting practical work in science, D&T and art - in primary schools

Can you see through it?

What will children learn?

- You can see through transparent materials and you can't see through opaque materials.
- To make observations that will help them decide if a material is opaque or transparent.

Suitability

Years 1-2

Equipment per child

- Recording sheet
- Glue stick
- Pencil
- 6 different samples: card, foil, coloured overlay, sellotape, cloth, transparent plastic food bag

Equipment notes

- Before the lesson, cut samples to 7 x 2.5 cm.

Procedure

- Choose a sample and find its corresponding box on the sheet.
- Stick the sample into the box.
- Look if you can see the apple picture through the sample.
- Record your answer in the adjacent box.
- Decide if the sample is opaque or transparent and circle the correct word.
- Repeat steps 1-5 with the remaining samples.

Be aware when doing this practical

Putting dabs of glue on the sheet, rather than the samples, is the best way to stick them on.

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Showcasing our new resources

P136 - Using materials in primary practical activities

This document is designed to help you decide if it's safe to use a variety of different materials during STEAM activities.

[View Resource](#)

And existing important ones

CLEAPSS primary

Leadership - Subject Leaders

Showing results 1 to 4 of 26 1 2 3 4 ▶

How to use a CLEAPSS primary practical activity

A 4 minute training video about our off-the-shelf activities.

[View Resource](#)

P022 - Making safety work for you

A health and safety training presentation designed for in school INSET, that can be delivered by a science leader, or member of the leadership team, in an hour.

[View Resource](#)

P020 - Risk assessment concept cartoons

A training resource about managing health and safety in schools, using the popular 'concept cartoons' medium to stimulate debate.

[View Resource](#)

P124 - The really short and pain free guide to health & safety

A 10 minute presentation that explains how to do a risk assessment.

[View Resource](#)

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An emphasis on SL support

CLEAPSS
primary
AMBASSADORS

A taster of the content we'll share

We have over 100 off-the-shelf primary practical activities. Perfect for teachers who are not as confident with teaching science.

These activities include everything to make the practical successful including the safety information and 'what the learning might look like'.

How to use a CLEAPSS primary practical activity



A 4 minute training video about our off-the-shelf activities.



[View Resource](#)

A taster of the content we'll share

Our latest copy of EXPLORE is targeted specifically towards Science Subject Leads.

It contains information on all of our CPD resources.

We'd love everyone to know about it. Almost every school in the country receives a hard copy.

We will send you the ad for any newsletters



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You can find out if your schools are members...

It can be good to tell schools they **are** already members (lots will be uncertain)

If you wish to do this, you can email CLEAPSS HQ

Send a list of school names and postcodes to sally.berry@cleapss.org.uk with “membership check for ambassadors” as the subject and we’ll tell you which are (or more easily which aren’t).

Or schools can email CLEAPSS directly too. Please use membership@cleapss.org.uk



Spread the word

We have a new facebook page:

<https://www.facebook.com/groups/1046155050852356/>

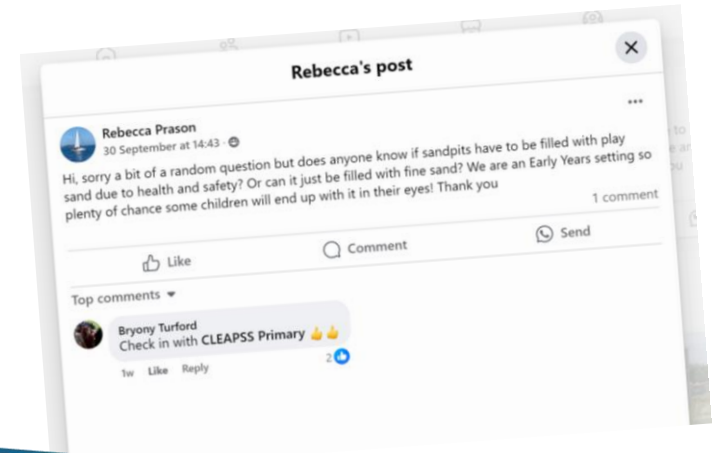
Please encourage your schools to join



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Spread the word

- If people ask H & S questions
- Or, if they try one of our activities
- Tag us @CLEAPSS PRIMARY



We'd welcome your feedback

You are the primary science experts!

You may already have thoughts on how we can support you better – please email us directly

Please let us know of any feedback from the CLEAPSS section of your network meeting.



Keep in touch

The primary team:

Jason Harding

Maria Pack

Sally Fulford

Helen Spring

Primary Lead - jason.harding@cleapss.org.uk

Senior CLEAPSS Consultant

CLEAPSS consultant (and Ambassador Lead)

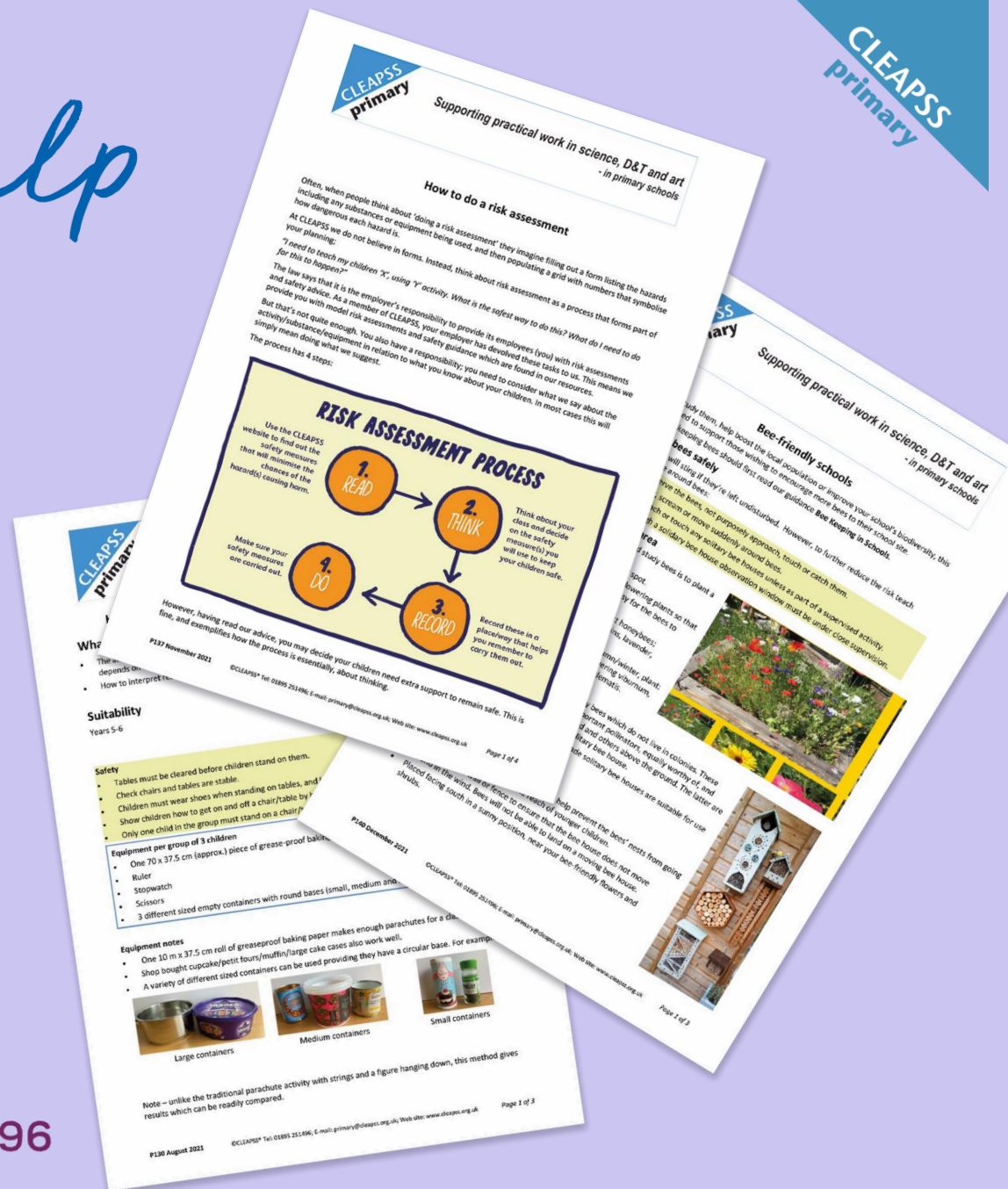
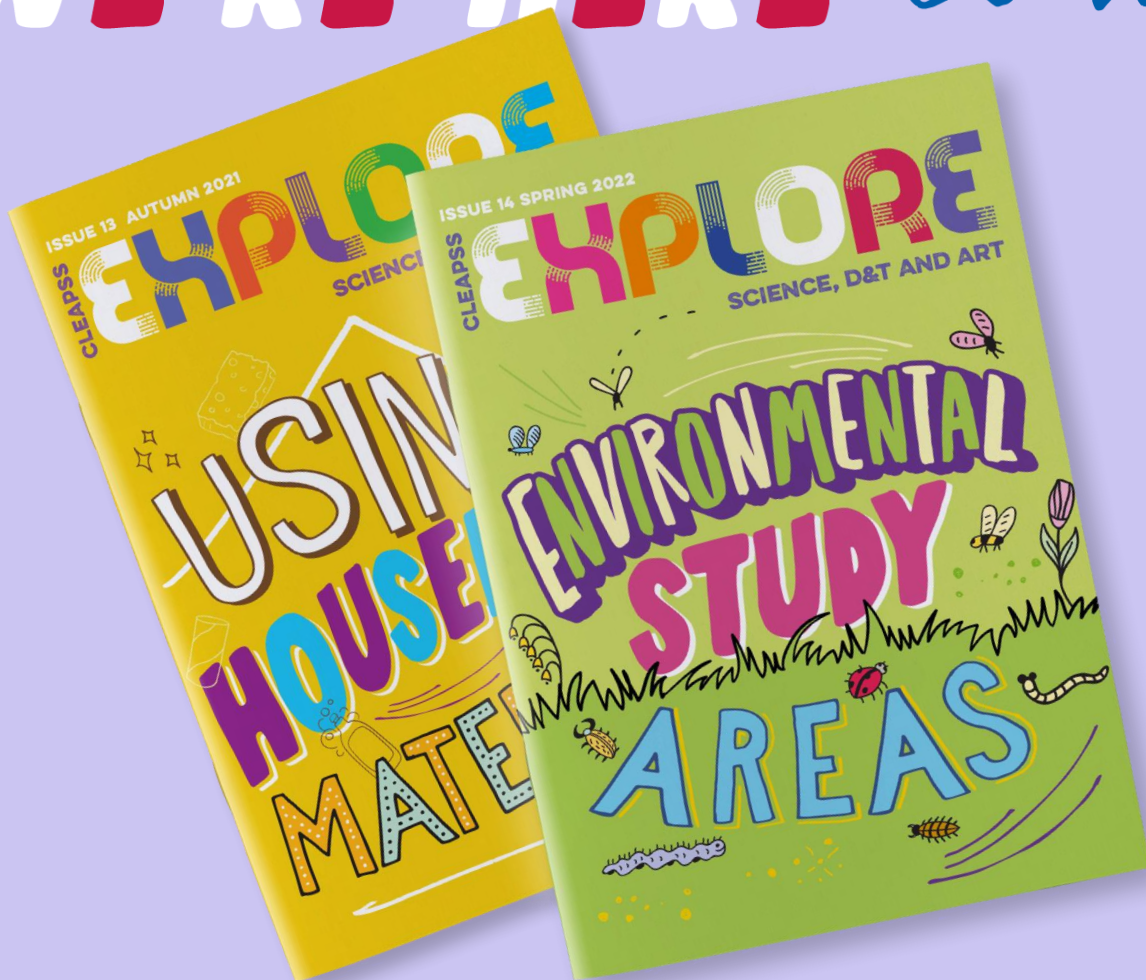
CLEAPSS consultant

For ambassador queries email Sally

sally.fulford@cleapss.org.uk

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WE'RE HERE to help



primary@cleapss.org.uk



helpline 01895 251496