

## **Practical activities for children in locally locked down areas**

If your school is subject to a local lockdown you will likely still have key worker/vulnerable children still attending school, while other children are working from home. In contrast to the national lockdown, the expectation now is that provision should be in place so that both cohorts continue to be taught the national curriculum.

Science, art and D&T activities can be particularly useful in this situation to engage and support learners. However, if you are the teacher in charge of children attending school, you:

- May have limited knowledge of the capabilities of the children (they are not your normal class); and
- Will have children present with widely differing capabilities reflecting their different age/experience.

In these circumstances only practical activities that are low risk can be carried out. The good news is we have plenty of options for both scenarios and with this in mind we have reviewed our activities and selected those that are most appropriate to use in these circumstances. We have also mapped them to the national curriculum to make it easier for you to select a relevant practical. These activities are fun, contain excellent science, art or D&T and the learning they support can easily be extended through the addition of more challenging questions or a research task.

Check that your school has informed parents/guardians that some activities being set are hands-on. If an activity requires adult supervision signpost the fact to the children and any supervising adults.

### **How to use this document**

First look at the provision map (Pg. 2) to see which practical activities are relevant to the topic and year group you are teaching. Then review these activities using the list of activities (Pg. 3 onwards) to select the activity you wish to undertake, then download it from the CLEAPSS website.

### **How to use these resources**

Even though the resources are written very clearly they are intended for use by a qualified teacher and not a parent or another member of the general public.

As a teacher you will need to decide how best to use the activity and indeed if the activity is suitable and safe for the group of children you are supervising and/or for children at home.

Bear in mind you might also need to add in extra safety measures for example, extra cleaning of equipment, handwashing before and after any activities etc. If you need help contact CLEAPSS. Search **COVID** for our most up to date information.

### **Do's and don'ts for using CLEAPSS activities**

- Don't give children/parents access to the CLEAPSS website.
- Don't send the CLEAPSS document home, they're not intended to be a child worksheets.
- Do review the activity in the light of what you know about the children's capabilities and if asking children to complete activities at home, what you know about their home circumstances.
- Do add additional notes where you think these will help children do the activity successfully and safely.
- Do add additional questions to link the activity to the learning you wish for the pupils.
- Do remind parents to stick to the procedure you've given and not to change it.

## CLEAPSS activities provision map (suitable for children in a local lockdown area)

Those in red are only suitable to be carried out in school and should not be set as a home learning activity.

Those in blue are only suitable as a home learning activity and should not be performed in school when teaching unfamiliar children or mixed age groups.

Topic	Yr1	2	3	4	5	6
Plants			P106			
Living things and their habitats		P100, P095,		P107, P106, P100, P095, P054		P106, P100, P095, P049
Animals, including humans	P100, P095	P100, P095, P081, P049	P100, P081, P050,	P107, P095, P054, P053		P081, P070, P040, P050
Evolution & inheritance						P107, P102, P100, P083, P056
Seasonal Changes	P043					
Materials	P101, P075, P043, P034, P024	P101, P075, P071, P052, P043, P034, P024, P005, P002		P077, P076, P070, P066, P042, P025, P002	P105, P102, P099, P089, P085, P083, P081, P078, P076, P074, P073, P070, P066, P058, P050, P043, P042, P025, P014, P005, P002, P001	
Rocks			P103, P102, P083			
Light			P043		P090, P043	P090, P043
Forces			P085, P079, P050		P085, P072, P058, P055, P052	
Sound				P111		
Electricity				P023		P073, P023
Earth and Space					P107, P103, P090, P072,	
Working scientifically skills*	P101, P075, P043, P034, P024, P071	P101, P077, P075, P071, P052, P043, P034, P024, P005, P002	P099, P084, P079, P077, P072, P066, P058, P052, P050, P043, P025, P005, P002	P099, P089, P084, P079, P077, P072, P066, P058, P052, P050, P043, P025, P002, P005, P001	P099, P089, P084, P077, P072, P066, P058, P056, P052, P050, P043, P040, P025, P014, P005, P002, P001	P099, P089, P084, P077, P072, P066, P058, P056, P052, P050, P043, P040, P025, P014, P005, P002, P001
Art	P100, P067	P100, P067, P055	P100, P067, P055	P100, P067, P055	P105, P100, P087, P067, P055	P105, P100, P087, P067, P055
DT	P081, P067, P055	P081, P067, P055,	P106, P081, P067, P055	P106, P081, P067, P055	P106, P105, P087, P081, P067, P055,	P106, P105, P087, P081, P067, P055,

\*all CLEAPSS practical activities can be used to support the development of working scientifically skills. Those listed in the table above overtly support these skills.

## List of activities

### Suitable Activities

Those in red are only suitable to be carried out in school and should not be set as a home learning activity.

Those in blue are only suitable as a home learning activity and should not be performed in school when teaching unfamiliar children.

CLEAPSS Code	Title	Link to guide	Year group suitability	Any additional comments
P111	Elastic band guitar	<a href="http://primary.cleapss.org.uk/Resource/P111-Elastic-band-guitar.aspx">http://primary.cleapss.org.uk/Resource/P111-Elastic-band-guitar.aspx</a>	3-6	-
P107	Fantasy animal adaptation models	<a href="http://primary.cleapss.org.uk/Resource-File/P107-Fantasy-animal-adaptation-models.pdf">http://primary.cleapss.org.uk/Resource-File/P107-Fantasy-animal-adaptation-models.pdf</a>	3-6	-
P106	Papier Mache leaves	<a href="http://primary.cleapss.org.uk/Resource-File/P106-Papier-Mache-leaves.pdf">http://primary.cleapss.org.uk/Resource-File/P106-Papier-Mache-leaves.pdf</a>	3-6	-
P105	Making a cast of your finger	<a href="http://primary.cleapss.org.uk/Resource/P105-Making-a-cast-of-your-finger.aspx">http://primary.cleapss.org.uk/Resource/P105-Making-a-cast-of-your-finger.aspx</a>	5-6	-
P103	Inside our earth	<a href="http://primary.cleapss.org.uk/Resource-File/P103-Inside-our-Earth.pdf">http://primary.cleapss.org.uk/Resource-File/P103-Inside-our-Earth.pdf</a>	2-6	-
P102	Making cast fossils using plaster of Paris	<a href="http://primary.cleapss.org.uk/Resource-File/P102-Making-cast-fossils-using-plaster-of-Paris.pdf">http://primary.cleapss.org.uk/Resource-File/P102-Making-cast-fossils-using-plaster-of-Paris.pdf</a>	3-6	-
P101	The Billy Goats Gruff bridge	<a href="http://primary.cleapss.org.uk/Resource-File/P101-The-billy-goats-gruff-bridge.pdf">http://primary.cleapss.org.uk/Resource-File/P101-The-billy-goats-gruff-bridge.pdf</a>	1-2	-
P100	Making Minbeast Models	<a href="http://primary.cleapss.org.uk/Resource-File/P100-Making-mini-beast-models.pdf">http://primary.cleapss.org.uk/Resource-File/P100-Making-mini-beast-models.pdf</a>	1-6	-
P099	Rusty nails	<a href="http://primary.cleapss.org.uk/Resource-File/P099-Rusty-nails.pdf">http://primary.cleapss.org.uk/Resource-File/P099-Rusty-nails.pdf</a>	3-6	-
P095	Making a wormery and observing worms	<a href="http://primary.cleapss.org.uk/Resource/P095-Making-a-wormery-and-observing-worms-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P095-Making-a-wormery-and-observing-worms-home-learning.aspx</a>	1-6	Parents can download this resource by searching 'home learning'.
P090	Seeing stars – making a constellation viewer	<a href="http://primary.cleapss.org.uk/Resource-File/P090-Seeing-stars-making-a-constellation-viewer.pdf">http://primary.cleapss.org.uk/Resource-File/P090-Seeing-stars-making-a-constellation-viewer.pdf</a>	4-6	-
P089	Dissolving jelly	<a href="http://primary.cleapss.org.uk/Resource/P089-Dissolving-jelly.aspx">http://primary.cleapss.org.uk/Resource/P089-Dissolving-jelly.aspx</a>	4-6	-
P087	Flappy bat	<a href="http://primary.cleapss.org.uk/Resource/P087-Flappy-bat.aspx">http://primary.cleapss.org.uk/Resource/P087-Flappy-bat.aspx</a>	5-6	-
P085	Making and successfully throwing a boomerang	<a href="http://primary.cleapss.org.uk/Resource/P085-Making-and-successfully-throwing-a-boomerang.aspx">http://primary.cleapss.org.uk/Resource/P085-Making-and-successfully-throwing-a-boomerang.aspx</a>	3-6	-

P084	Overflow - Using water displacement to measure volume	<a href="http://primary.cleapss.org.uk/Resource/P084-Overflow-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P084-Overflow-home-learning.aspx</a>	3-6	Parents can download this resource by searching 'home learning'.
P083	Making trace fossils	<a href="http://primary.cleapss.org.uk/Resource/P083-Making-trace-fossils-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P083-Making-trace-fossils-home-learning.aspx</a>	1-6	Parents can download this resource by searching 'home learning'.
P081	Quick and easy cakes	<a href="http://primary.cleapss.org.uk/Resource/P081-Quick-and-easy-cakes.aspx">http://primary.cleapss.org.uk/Resource/P081-Quick-and-easy-cakes.aspx</a>	1-6	Needs access to a microwave.
P078	Glue from milk	<a href="http://primary.cleapss.org.uk/Resource/P078-Glue-from-milk.aspx">http://primary.cleapss.org.uk/Resource/P078-Glue-from-milk.aspx</a>	3-6	Likely to be messy
P077	Double bubble	<a href="http://primary.cleapss.org.uk/Resource/P077-Double-bubble-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P077-Double-bubble-home-learning.aspx</a>	2-6	Parents can download this resource by searching 'home learning'.
P076	Balloon Kebabs	<a href="http://primary.cleapss.org.uk/Resource/P076-Balloon-kebabs.aspx">http://primary.cleapss.org.uk/Resource/P076-Balloon-kebabs.aspx</a>	3-6	Needs good classroom management
P075	Absorbent materials	<a href="http://primary.cleapss.org.uk/Resource/P075-Absorbent-materials.aspx">http://primary.cleapss.org.uk/Resource/P075-Absorbent-materials.aspx</a>	1-2	-
P074	Lava lamp	<a href="http://primary.cleapss.org.uk/Resource/P074-Lava-lamp.aspx">http://primary.cleapss.org.uk/Resource/P074-Lava-lamp.aspx</a>	2-6	Likely to be messy and needs careful management of waste. Do not carry out on a large scale.
P073	Lights on lights off	<a href="http://primary.cleapss.org.uk/Resource/P073-Lights-on-lights-off.aspx">http://primary.cleapss.org.uk/Resource/P073-Lights-on-lights-off.aspx</a>	5-6	-
P072	Straw shooter rocket	<a href="http://primary.cleapss.org.uk/Resource/P072-Straw-shooter-rocket.aspx">http://primary.cleapss.org.uk/Resource/P072-Straw-shooter-rocket.aspx</a>	3-6	-
P071	Blast Off!	<a href="http://primary.cleapss.org.uk/Resource/P071-Blast-off-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P071-Blast-off-home-learning.aspx</a>	1-3	Parents can download this resource by searching 'home learning'.
P070	Making ice cream without a freezer	<a href="http://primary.cleapss.org.uk/Resource/P70-Making-ice-cream-without-a-freezer.aspx">http://primary.cleapss.org.uk/Resource/P70-Making-ice-cream-without-a-freezer.aspx</a>	4-6	-
P068	Choosing and using colour	<a href="http://primary.cleapss.org.uk/Resource/P068-Choosing-and-using-colour-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P068-Choosing-and-using-colour-home-learning.aspx</a>		Parents can download this resource by searching 'home learning'.
P067	Pop up spring chick	<a href="http://primary.cleapss.org.uk/Resource/P067-Pop-up-spring-chick-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P067-Pop-up-spring-chick-home-learning.aspx</a>	1-6	Parents can download this resource by

				searching 'home learning'.
P066	Making bath bombs	<a href="http://primary.cleapss.org.uk/Resource/P066-Making-bath-bombs.aspx">http://primary.cleapss.org.uk/Resource/P066-Making-bath-bombs.aspx</a>	3-6	-
P058	Density cocktail	<a href="http://primary.cleapss.org.uk/Resource/P058-Density-cocktail.aspx">http://primary.cleapss.org.uk/Resource/P058-Density-cocktail.aspx</a>	3-6	-
P056	How does Vitruvian Man stand up today?	<a href="http://primary.cleapss.org.uk/Resource-File/P056-How-does-Vitruvian-Man-stand-up-today.pdf">http://primary.cleapss.org.uk/Resource-File/P056-How-does-Vitruvian-Man-stand-up-today.pdf</a>	5-6	-
P055	Hatching spring chick	<a href="http://primary.cleapss.org.uk/Resource/P055-Hatching-spring-chick.aspx">http://primary.cleapss.org.uk/Resource/P055-Hatching-spring-chick.aspx</a>	2-6	-
P054	Freshwater food chains and food web resource	<a href="http://primary.cleapss.org.uk/Resource/P054-Freshwater-food-chains-and-food-web-resource.aspx">http://primary.cleapss.org.uk/Resource/P054-Freshwater-food-chains-and-food-web-resource.aspx</a>	4-6	Parents can download this resource by searching 'home learning'.
P053	Make your own freshwater food chain	<a href="http://primary.cleapss.org.uk/Resource/P053-Make-your-own-freshwater-food-chain-mobile.aspx">http://primary.cleapss.org.uk/Resource/P053-Make-your-own-freshwater-food-chain-mobile.aspx</a>	4-6	Parents can download this resource by searching 'home learning'.
P052	Floating liquids	<a href="http://primary.cleapss.org.uk/Resource/P052-Floating-liquids.aspx">http://primary.cleapss.org.uk/Resource/P052-Floating-liquids.aspx</a>	2-6	-
P050	Iron for breakfast	<a href="http://primary.cleapss.org.uk/Resource/P050-Iron-for-breakfast.aspx">http://primary.cleapss.org.uk/Resource/P050-Iron-for-breakfast.aspx</a>	3-6	Needs good supervision of neodymium magnets
P049	Glitter Germs	<a href="http://primary.cleapss.org.uk/Resource/P049-Glitter-germs-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P049-Glitter-germs-home-learning.aspx</a>	1-6	Parents can download this resource by searching 'home learning'.
P043	Using UV bead bracelets to study light	<a href="http://primary.cleapss.org.uk/Resource/P043-Using-UV-bead-bracelets-to-study-light.aspx">http://primary.cleapss.org.uk/Resource/P043-Using-UV-bead-bracelets-to-study-light.aspx</a>	1-6	-
P042	Slime time	<a href="http://primary.cleapss.org.uk/Resource/P042-Slime-time.aspx">http://primary.cleapss.org.uk/Resource/P042-Slime-time.aspx</a>	3-6	Do not carry out on large scale. Do NOT let pupils take it home.
P040	Testing food samples for starch	<a href="http://primary.cleapss.org.uk/Resource/P040-Testing-food-samples-for-starch.aspx">http://primary.cleapss.org.uk/Resource/P040-Testing-food-samples-for-starch.aspx</a>	5-6	-
P034	Separating inks simple method	<a href="http://primary.cleapss.org.uk/Resource/P034-Separating-inks-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P034-Separating-inks-home-learning.aspx</a>	1-2	Parents can download this resource by searching 'home learning'.
P025	Vinegar and bicarbonate balloons	<a href="http://primary.cleapss.org.uk/Resource/P025-Vinegar-and-bicarbonate-balloons.aspx">http://primary.cleapss.org.uk/Resource/P025-Vinegar-and-bicarbonate-balloons.aspx</a>	3-6	Can be a little messy

P024	Sunshine absorbency	<a href="http://primary.cleapss.org.uk/Resource/P024-Sunshine-Absorbency-home-learning.aspx">http://primary.cleapss.org.uk/Resource/P024-Sunshine-Absorbency-home-learning.aspx</a>	1-2	Parents can download this resource by searching 'home learning'.
P023	Steady hand game	<a href="http://primary.cleapss.org.uk/Resource/P023-Steady-hand-game.aspx">http://primary.cleapss.org.uk/Resource/P023-Steady-hand-game.aspx</a>	4-6	-
P014	Separating felt pen ink colours	<a href="http://primary.cleapss.org.uk/Resource/P014-Separating-felt-pen-ink-colours.aspx">http://primary.cleapss.org.uk/Resource/P014-Separating-felt-pen-ink-colours.aspx</a>	5-6	-
P005	Investigating soaps and detergents	<a href="http://primary.cleapss.org.uk/Resource/P005-Investigating-soaps-and-detergents.aspx">http://primary.cleapss.org.uk/Resource/P005-Investigating-soaps-and-detergents.aspx</a>	2-6	-
P002	Investigating heating and melting	<a href="http://primary.cleapss.org.uk/Resource/P002-Investigating-heating-and-melting.aspx">http://primary.cleapss.org.uk/Resource/P002-Investigating-heating-and-melting.aspx</a>	2-6	Do NOT let pupils eat the food used. Care is needed with the heat packs.
P001	Investigating indicators	<a href="http://primary.cleapss.org.uk/Resource/P001-Investigating-indicators.aspx">http://primary.cleapss.org.uk/Resource/P001-Investigating-indicators.aspx</a>	4-6	-

### Unsuitable Activities

The following activities are unsuitable if you are supervising key worker/vulnerable children of mixed age groups and/or from different schools, or for sending home. If you are teaching a class of children in a specific year group in a partially opened school, follow guidance in **Managing hands-on activities in schools in locally locked down areas (P104)**.

CLEAPSS Code	Title of Guide
P086	Spinning spirals
P080	Fire writing
P079	Inseparable books
P064	Pond dipping
P057	Vinegar and bicarbonate fire extinguisher demonstration
P021	Looking closely at the parts of a flower
P035	Making a light-up greetings card using copper tape circuits
P006	Growing fungi on food
P018	Investigating burning
P109	Casting a footprint using plaster of Paris