

Activity 1 – Simplified Exercise Sheet

Worked example: Kinder Egg Explosion

This page shows one simplified example of how the 4 sections can be filled in. Use it as a model only.

Demonstration used in this example

Kinder Egg Explosion: a small plastic capsule is prepared with baking soda and water and then pops when pressure builds. In the training, the demonstration is used symbolically to help participants think beyond the experiment itself and begin making real-world STEAM connections.

Simplified example based on one possible connection

<p>1. Real-world STEAM Connection & Problem definition</p>	<p>Possible symbolic connection: our inner world can be affected by outside actions or inputs. Just as the capsule reacts when what is outside meets what is inside, people can react emotionally to what happens around them.</p> <p>Problem idea: How can we use a safe “pop” experiment to help children think about how actions, words, or situations can affect feelings and reactions?</p>
<p>2. National curriculum Link and Objectives</p>	<p>Possible connection: Health and well-being / emotions / cause and effect.</p> <p>Example objectives:</p> <ul style="list-style-type: none"> - recognise simple cause-and-effect relationships; - discuss how outside actions can influence feelings; - build vocabulary linked to emotions, reactions, and safe choices.
<p>3. Notes on Research-based approach & integration</p>	<p>Children can observe, predict, test, and reflect. A teacher could ask them what they think will happen, let them observe the reaction, and then guide them to connect this to emotional or social situations. The inquiry is simple, concrete, and suitable for discussion.</p>
<p>4. Primary SPIRIT Skill(s) that can be developed through this activity</p>	<p>Emotional awareness, regulation and communication; empathy; curiosity / sense of wonder / openness.</p> <p>Possible secondary skill: problem-solving.</p>

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Blank group sheet

Choose one connection from your group brainstorming. Then use the 4 sections below to deepen that connection and turn it into a more intentional STEAM idea.

Our chosen symbolic energiser / connection:

1. Real-world STEAM Connection & Problem definition	Write one real-life connection, situation, scenario, or problem that your group wants to focus on.
2. National curriculum Link and Objectives	What topic, unit, or curriculum objective could this connect to?
3. Notes on Research-based approach & integration	How could inquiry, exploration, testing, or research be built into this idea?
4. Primary SPIRIT Skill(s) that can be developed through this activity	Which SPIRIT Skill(s) could be developed through this activity?