

## WORKSHOP RISK ASSESSMENT

# Early Engineers Express

EYFS/KS1 (ages 3–6) · LEGO Duplo track, bridges, stations & battery push-along trains · no screens

Hyett Education Ltd · Date of assessment: 29/05/2026 · Next review: May 2027 · Assessor: Antony Hyett (CEO)

| Risk                                 | Control / Action Taken  | Risk Level | Timing of Action                    |
|--------------------------------------|---|------------|-------------------------------------|
| <b>Trip hazard / Available space</b> | <ul style="list-style-type: none"> <li>– Children to be grouped into specific areas of the teaching space when working.</li> <li>– Children to be discouraged from moving around the room unnecessarily, with school staff present to support supervision.</li> <li>– Hyett Education session leader to ensure that any extension leads are covered, secured and/or beyond the children's activity area.</li> <li>– Any floor mats used in the session to be securely taped to the floor.</li> <li>– Duplo track, trains and builds to be kept within defined build areas and cleared from walkways before any large-scale movement of children.</li> </ul> | <b>Low</b> | On the day of the event             |
| <b>Fire safety / evacuation</b>      | <ul style="list-style-type: none"> <li>– Equipment, cases and cables to be positioned so that exits, walkways and fire points (extinguishers and alarm call points) remain clear at all times.</li> <li>– Hyett Education session leader to make themselves aware of the venue's evacuation procedure and nearest assembly point on arrival.</li> </ul>   | <b>Low</b> | On the day of the event             |
| <b>Choking hazard</b>                | <ul style="list-style-type: none"> <li>– LEGO Duplo is large-format and designed to be safe for this age group; however, children to be supervised closely at all times.</li> <li>– Children to be reminded never to put components in their mouths.</li> <li>– Children to be encouraged to ask for help from the Hyett Education session leader or school staff when separating components that may be difficult.</li> </ul>  | <b>Low</b> | On the day of the event             |
| <b>Battery push-along trains</b>     | <ul style="list-style-type: none"> <li>– Trains are powered by low-voltage batteries (AA/AAA type), so there is no risk of electric shock.</li> <li>– Battery compartments to be secured (screw-closed) so children cannot access the batteries.</li> <li>– Hyett Education session leader to check batteries for any damage, bulging or cracks before use.</li> </ul>  | <b>Low</b> | Ongoing and on the day of the event |
| <b>Trapped / pinched fingers</b>     | <ul style="list-style-type: none"> <li>– Correct handling of push-along trains and their wheels/axles to be demonstrated.</li> <li>– Children to be shown how to connect Duplo components without forcing them, to avoid pinching fingers.</li> </ul>   | <b>Low</b> | On the day of the event             |
| <b>Liquids</b>                       | <ul style="list-style-type: none"> <li>– Children to be asked to place any water bottles well away from equipment for the workshop.</li> </ul>  | <b>Low</b> | On the day of the event             |

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|-------------------------------------|--|------------|-------------------------|
| <b>Manual handling of equipment</b> | <ul style="list-style-type: none"> <li>– Instructors are provided with HSE guidance on manual handling and are encouraged to ask for any support or further clarification.</li> <li>– Instructors should park as close to the venue as possible, even if temporarily, for loading/unloading of equipment.</li> <li>– Use of trolleys or other aids for heavy/large items, using step-free routes where possible.</li> <li>– Break down large loads into smaller, manageable parts where possible.</li> <li>– Two-person lift for particularly heavy or awkward items.</li> </ul> | <b>Low</b> | On the day of the event |

|                      | Name         | Position | Signature  | Date       |
|----------------------|--------------|----------|--|------------|
| <b>Risk Assessor</b> | Antony Hyett | CEO      |  | 29/05/2026 |