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| Area/task/activity: | Flood Risk in Falkirk: STEM Box |
| Activity Provider name: | Falkirk Community Trust / Great Place Falkirk | **Location of activity:** | Classroom (Primary and Secondary schools in Falkirk) |
| Address: | Falkirk Stadium, 4 Stadium Way, Grangemouth, Falkirk FK2 9EE | **Contact details:** | Anna Plant anna.plant@falkirkcommunitytrust.org |
| Name of person(s) in charge during activity: | Class teacher  | **Name of Organisations undertaking Assessment:** | Great Place Falkirk and Falkirk Community Trust |
| Date communicated to school staff: | 13/12/21 | **How communicated to school staff:** | Email and Glow Platform |
| Date of Assessment: | 10/12/21 |  |  |

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| Risk/Hazard | Who will this impact | Type of impact | Control measures |
| Modelling Clay  | Pupils | Minor to serious injuries: Choking hazard or irritation  | Teaching staff should pre prepare the clay for the experiment and observe pupils using the material at all times. Keep away from mouth and eyes and do not consume. Data sheet provided on glow platform to help action in case of incident. Seek medical attention when required. Provided clay is non toxic. Where skin is sensitive, handle with gloves. Once dry, seal clay and place back inside STEM box for reuse.   |
| Other equipment use throughout experimentPackaging: Carboard Box and poly pockets  | PupilsPupils | Minor to serious injuries e.g. using pencils, paper cuts as a result of improper use.Minor to serious injury: Suffocation or trips/falls due to improper use | Pupils will be kept under close supervision when using materials and tools. Pupils to be encouraged not run or act recklessly when handling materials. Pupils should be observed whilst handling any small items as this could be a choking hazard. Children will be reminded to be careful when using these materials and tools, those that need assistance will be supported by teaching staff.Box and packaging should be handled by class teacher only and kept away from pupils, especially those under 10 years. Poly pockets should be kept away from face, mouth and nose at all times and left in the box or stored away for further use. Poly pockets should not be left on the floor as could cause falls. Used parcel tape should be disposed of.  |
| Soil  | Staff and Pupils | Minor injury  |  Teaching staff should pre prepare the soil for the experiment and observe pupils using the soil at all times. Controlled use of the soil is advised, with contact kept to a minimum via additional rulers. Keep away from mouth and eyes and do not consume. Always wash hands after use. Seek medical attention when required. Where skin is sensitive, handle with gloves. Once used, dispose in compost bin or seal unused soil in bag and keep in cool, dry location.  |
| Paint Roller Trays and rulers | Pupils | Minor injury | Trays to be pre prepared by teacher and used on a flat solid surface only. Keep objects away from sensitive areas and face. Not to be used as a toys.  |
| Spread of COViD-19 virus via STEM Box materials being shared between classes | Teaching staff/ pupils/ external public | Potential spread of infectious virus | - Latest school policy based on Scottish Government guidance must be adhered to at all times: <https://www.gov.scot/publications/coronavirus-covid-19-guidance-on-reducing-the-risks-in-schools/pages/changes-to-previous-guidance/> - If resources to be shared with pupils from another class, materials should be thoroughly cleaned/ disinfected and left out to air for up to 24 hours before doing so.- Activities designed to be suitable for socially distanced participants where required- Materials have been designed to be cost effective, replaceable or interchangeable with other suggested items. These can be replenished at any time to reduce risk of passing on pre used items.- Where working in groups, good hand hygiene is recommended before and after the experiment- Guidance on wearing face masks within the class environment should be adhered to as determined by the Scottish Government.  |

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| Name of person(s) in charge during activity: | Class Teacher | Name of Person(s) undertaking Assessment: | Natalie Allison | Signed: | Natalie Allison 10/12/21 |