**Logo

Description automatically generatedDesign and Technology**

**Skills Progression**

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| --- | --- | --- | --- | --- | --- | --- |
|  | Seek Solutions | Research and Develop | Test and refine | Plan | Create | Evaluate |
| EYFS |  | * To know where different materials come from |  | * To explain my creative choices | * To create moving pictures | * To say what my creation is and talk about it with support * To say how I could improve my creation * To explain the creative choices to others |
| Year 1 | * To orally consider solutions to a problem | * To compare a given design criteria to products (objects, pictures, videos) * To record research as a class | * To make a simple version of the mechanism | * To plan using a given design criteria | * To create using a given design criteria | * To evaluate using a given design criteria * To orally evaluate with a peer. * To complete a written evaluation using smiling faces |
| Year 2 | * To orally consider solutions to a problem with peers | * To orally share some design criteria * To compare a given design criteria to products (objects, pictures, videos) * To record research as a class | * To make a simple version of the mechanism | * To plan using a given design criteria | * To create using a given design criteria | * To evaluate using a given design criteria * To orally evaluate with a peer * To complete a written evaluation |
| Year 3 | * To discuss possible outcomes of solutions given to children | * To record research in booklet as drawings and/or templates | * To make a simple version of the mechanism * To orally discuss what could be improved about the tested mechanism. | * To plan using a co-constructed design criteria | * To create using a co-constructed design criteria | * To evaluate using a co-constructed design criteria * To orally evaluate with a group of peers |
| Year 4 | * To discuss possible outcomes of solutions given to children | * To record research in booklet as drawings and/or templates | * To make a simple version of the mechanism * To orally discuss what could be improved about the tested mechanism. | * To plan using a co-constructed design criteria | * To create using a co-constructed design criteria | * To evaluate using a co-constructed design criteria * To orally evaluate with a group of peers |
| Year 5 | * To consider multiple solutions | * To record research in booklet as drawings and/or templates | * To make a simple version of the mechanism known as a ‘prototype’ * Orally discuss evaluation of prototype | * To plan using a self-constructed design criteria | * To create using a self-constructed design criteria | * To evaluate using a self-constructed design criteria * To complete a written evaluation of own and peer’s product |
| Year 6 | * To consider multiple solutions | * To record research in booklet as drawings and/or templates | * To make a simple version of the mechanism known as a ‘prototype’ * Evaluate the prototype and suggest ways of improving | * To plan using a self-constructed design criteria | * To create using a self-constructed design criteria | * To evaluate using a self-constructed design criteria * To complete a written evaluation of own and peer’s product |