**Design 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
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| 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
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| 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
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