



# Progression in Design & Technology

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**BEAVER GREEN PRIMARY SCHOOL**

**Swale**  
ACADEMIES  
TRUST



|                     | Year R   | Year 1  | Year 2  | Year 3  | Year 4   | Year 5  | Year 6  |
|---------------------|--|---|---|---|--|---|---|
| Design              | I can construct with a purpose in mind, e.g. using scissors, glue, string.   | I can begin to use my knowledge of existing products to help generate my ideas. | I can use knowledge of existing products to help generate my ideas.   | I can begin to design features of products so that they will appeal to customers.                       | I can design features of products so that they will appeal to customers.   | I can research and design features of products so that they will appeal to customers.   | I can research and design features of products so that they will appeal to a specific customer.   |
| Make                | I can make a structure e.g. through block play, junk modelling, playdoh etc. | I can use a range of materials and tools to cut and shape.                      | I can use a wide range of materials and tools to cut, shape, join and finish.                                 | I can use a wider range of materials and tools with increasing accuracy to cut, shape, join and finish. | I can use a wider range of materials, components and tools with increasing accuracy to cut, shape, join and finish.  | I can use a wider range of materials (including textiles), components and tools with accuracy to cut, shape, join and finish.       | I can use a wider range of materials (including textiles and food), components and tools with increasing accuracy to cut, shape, join and finish.                     |
| Evaluate            | I can explore how everyday things work. e.g. a phone.                        | I can explore products through discussion.                                      | I can explore and evaluate products through discussion.   | I can explore and evaluate products through discussion and comparison.                                  | I can explore and evaluate products through discussion, comparison and simple written evaluations.                   | I can explore and evaluate products through written evaluations, making adjustments to my own design as needed.                     | I can explore and evaluate products that have helped change the world.  |
| Technical Knowledge |  | I can build structures, exploring how they can be made.                         | I can build structures, exploring how they can be made stronger, stiffer and more stable.                     | I can apply my understanding of how to strengthen, stiffen and reinforce more complex structures.       | I can apply my understanding of how to reinforce more complex structures using mechanical systems where appropriate. | I can apply my understanding of how to reinforce more complex structures using mechanical and electrical systems where appropriate. | I can understand that materials have functional and aesthetic properties and apply this knowledge to mechanical systems where appropriate.                            |
| Cooking & Nutrition | I can begin to understand cooking processes, e.g. stirring and mixing        | I can begin to understand where food comes from.                                | I can understand that all food comes from plants or animals and use this knowledge to prepare healthy dishes. | I can understand and use my knowledge of a healthy and varied diet to prepare savoury dishes.           | I can understand and use my knowledge of a healthy and varied diet to prepare seasonal savoury dishes.               | I can understand and use my knowledge of a healthy and varied diet to prepare seasonal savoury dishes whilst following a recipe.    | I can understand how different ingredients are grown, reared, caught and processed.<br><br>I can prepare dishes safely and hygienically with increasing independence. |