

## DT and Computing overview

Odd Rolling Programme

All DT units taken from Kapow and all Computing units are from Teach Computing

|           | Autumn                               |                         | Spring                          |                              | Summer                         |              |
|-----------|--------------------------------------|-------------------------|---------------------------------|------------------------------|--------------------------------|--------------|
| Phase 1/2 | Technology<br>around us              | Digital<br>painting     | Digital<br>photography          | Digital<br>Writing           | Grouping<br>data               | Pictograms   |
|           | Cooking and Nutrition<br>Smoothies   |                         | Structures<br>Baby Bear's Chair |                              | Mechanisms<br>Fairground Wheel |              |
| Phase 3/4 | Computing<br>systems and<br>networks | Stop frame<br>animation | The internet                    | Photo editing                | Audio<br>production            | Data logging |
|           | Electrical Systems                   |                         | Cooking and Nutrition           |                              | Textiles                       |              |
|           | Torches                              |                         | Eating Seasonally               |                              | Cross Stitch & Applique        |              |
|           |                                      |                         |                                 |                              | Cushions                       |              |
| Phase 5/6 | Spreadsheets                         | Webpage<br>creation     | Systems and searching           | Communicati<br>on and collab | Introduction<br>to vector      | 3D Modelling |
|           | Cooking and nutrition<br>Bolognese   |                         | Structures<br>Playgrounds       |                              | Electrical systems<br>Doodlers |              |



## DT and Computing overview

Even Rolling Programme

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|           | Autumn                                 |                      | Spring                               |                        | Summer                                     |                                |
|-----------|--|----------------------|--------------------------------------|------------------------|--|--------------------------------|
| Phase 1/2 | Technology<br>around us                | Moving a<br>robot    | Robot<br>algorithms                  | Digital music          | Programming<br>animations                  | Programming<br>quizzes         |
|           | Cooking and nutrition<br>Balanced diet |                      | Textiles<br>Puppets                  |                        | Mechanisms<br>Wheels and axles             |                                |
| Phase 3/4 | Desktop<br>publishing                  | Repetition in shapes | Repetition in games                  | Branching<br>databases | Sequencing in sound                        | Events and actions in programs |
|           | Mechanisms<br>Making a slingshot car   |                      | Digital World<br>Wearable Technology |                        | Structures<br>Pavilion                     |                                |
| Phase 5/6 | Selection in<br>physical<br>computing  | Selection in quizzes | Video<br>production                  | Flat file<br>database  | Variables in games                         | Sensing<br>movement            |
|           | Textiles<br>Stuffed toys               |                      | Mechanisms<br>Pop-up book            |                        | Cooking and nutrition<br>Come dine with me |                                |