|  |  |  |  |
| --- | --- | --- | --- |
| **Year group** | **Autumn Term** | **Spring Term** | **Summer Term** |
| Reception | **Once upon a time****Percy and his friends** | **Terrific transport****What will I be?** | **Superheroes to the rescue**Under the Sea |
| Year One | **Food****Preparing Fruit and Vegetables**Can I design and make a fruit snack?Purpose: for a guest/friend | **Mechanisms****Sliders and levers**Can I design and make a card with moving parts?Purpose: for a guest/friend | **Structures****Freestanding structures**Can I design and make a chair for a teddy? |
| Year Two | **Textiles****Templates and joining**Can I design and make a Christmas decoration?Purpose: for a guest/friend | **Mechanisms****Wheels and Axels**Can I design and make a toy vehicle for a friend to play with?Purpose: for a guest/friend | **Food****Preparing Fruit and Vegetables**Can I design and make a fruit yoghurt?Purpose: for a guest/friend |

|  |  |  |  |
| --- | --- | --- | --- |
| **Year group** | **Autumn Term** | **Spring Term** | **Summer Term** |
| Year Three | **Food****Healthy and Varied Diet**Can I design and make a sandwich?Purpose: for a guest/friend | **Mechanical Systems****Levers and linkages**Can I design and make an information book (with moving parts)?Purpose: for a guest/friend | **Textiles****2D to 3D**Can I design and make a sunglasses bag/case?Purpose: for myself |
| Year Four | **Structures****Shell** **Structures** **with** **CAD**Can I design and make a gift box?Purpose: for a guest/friend | **Food****Healthy and Varied Diet**Can I design and make a salad snack?Purpose: for a guest/friend | **Electrical Systems****Simple programming and control**Can I design and make a night light to comfort a young child?Purpose: for a friend/ buddy |

|  |  |  |  |
| --- | --- | --- | --- |
| **Year group** | **Autumn Term** | **Spring Term** | **Summer Term** |
| Year Five | **Food****Celebrating** **seasonality**Can I design and make and evaluate bread for me to share at harvest?Purpose: for a guest/friend | **Mechanical systems****Pulleys and Gears**Can I design and make a Ferris wheel?Purpose: for a guest/friend | **Structures****Framed Structures**Can I design and make a kite?Purpose: for a guest/friend |
| Year Six | **Electrical systems****Monitoring and control**'Can I design and make an alarm to protect a valuable?Purpose: for a guest/friend | **Food****Celebrating culture**Can I design and make a vegetarian dish appropriate for a Sikh langar (Community kitchen)?Purpose: for a guest/friend | **Textiles****Using CAD in textiles**Can I design and make a bag for my buddy?Purpose: for a guest/friend |