Year 6 Knowledge Organiser – Autumn 2 – Design and Technology

Things I will be taught

I know:

Week 1 - How to research some facts about the artist Michelle Reader and understand what it means to be sustainable by re-using products.

Week 2 - Michelle often takes her inspiration from the natural world, creating sculptures of plants and flowers using a wide range of waste materials

Week 3 - To discuss ideas and agree a recycling project to promote re-use, for example, creating a sculpture from recycled materials, e.g. a poppy display for remembrance

Week 3 - How to choose materials for the project for their shape, colour and texture, e.g. plastic bottles, coffee cups and aluminium cans -To draw a picture of my design, labelling recycled products, colour.

Week 4 & 5 – How to create a piece of artwork that contributes to the project, choosing and using appropriate tools and materials.

Michelle Reader - Things I will remember

- What is Recycling? Recycling means taking items that we no longer need and turning them into something useful again. Michelle Reader often uses things like old plastic bottles, tin cans, and cardboard to make her sculptures.
- Saves the Environment: By using recycled materials, we help reduce waste and protect our planet. Instead of throwing things away, we can give them a new life in our art!
- Creative Inspiration: Looking for recycled materials can spark your creativity. You might discover interesting shapes, colours, and textures that can inspire your designs, just like Michelle does!
- Unique Artworks: Each piece made from recycled materials is one of a kind. No two creations are ever the same, making your art special and personal.
- Teamwork: Making art from recycled materials is a great chance to work with friends. You can collect materials together and share ideas, just like a real artist's studio!

Key Vocabulary & Glossary

Practical	Of or concerned with the actual doing or use of something rather than with theory and ideas.
Purpose	The reason for which something is done or created or for which something exists.
Recycle	To reuse discarded item.
Stable	Not likely to give way or overturn; firmly fixed.
Stiffer	Not easily bent or changed in shape; rigid.
Toy	An object for a child to play with.
User	A person who uses or operates something.

Key Knowledge : That materials can be re-used and recycled to become something else.

Did you know that everyday materials can be turned into gorgeous art and sculptures? For example, many artists use old newspapers and magazines to create beautiful collages. They cut the paper into different shapes and glue them together to make amazing pictures. By recycling these materials, they not only help the environment but also give new life to things we often throw away. So, if you have some old items at home, think about how you could transform them into something special!





