

DT Year 6

Autumn Term – Fighting fit

Key Vocabulary:

Shelter - What people and animals use to protect themselves from their surroundings

Sturdy - Looks strong and is unlikely to be easily injured or damaged

Corrugation - The act of shaping into parallel ridges and grooves

Reinforce - To strengthen by additional assistance, material, or support

Bombing - To attack with or as if with bombs

Kit - A collection of things used for a certain purpose

Sturdy structures

R

Reception: Creating with materials



Year 4: Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

Year 1: Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.

Year 3: Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

Year 5: Accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Curriculum pathway

Key Facts:

The government gave an Anderson Shelter kit to families who lived in areas that were expected to be bombed by German planes.

They were often made from corrugated metal frames dug into the ground

They had to be very sturdy to withstand the impact of nearby bombs

Corrugating a material helps it to carry more weight

Key Questions:

What effect does corrugating a material have?

Can we make materials waterproof?

How can we reinforce our structures?