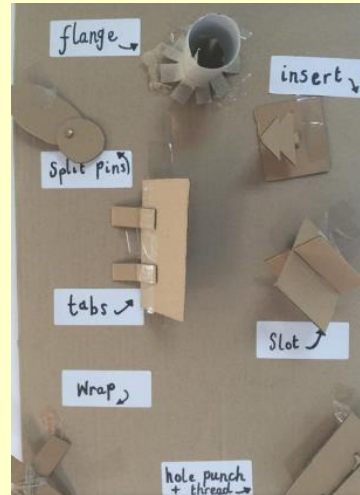


## Prior Learning

- I know how to strengthen structures.
- I know how to strengthen vertices.

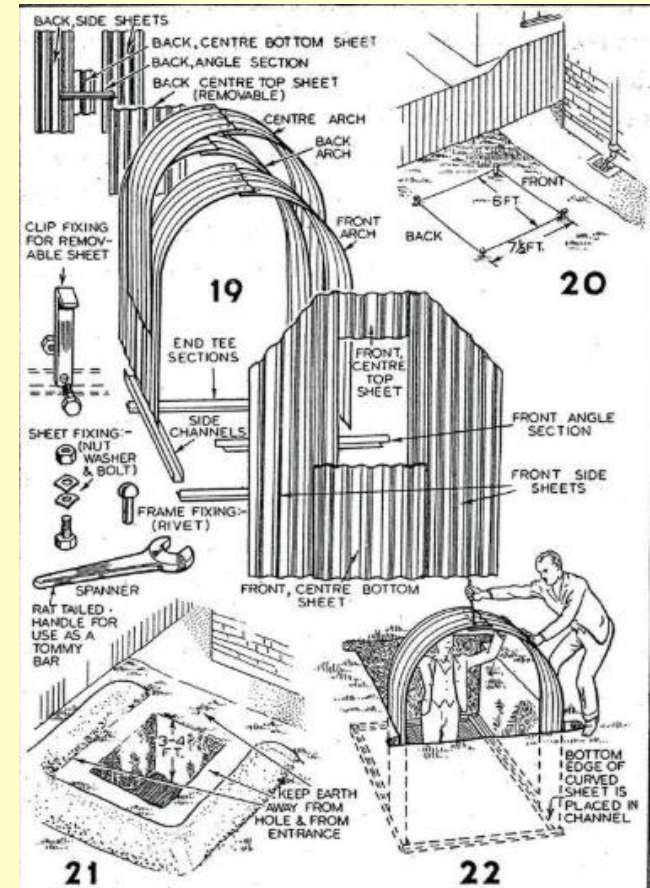


## Sticky Knowledge

- I know how to investigate Anderson shelters.
- I know that Anderson shelters were used in World War II to protect people.
- I know how to develop a design specification.
- I know why I have chosen particular tools and materials.

## How Were Anderson Shelters Made?

- Using six curved panels of corrugated steel.
- Buried about 1 metre into the ground and covered with earth.
- Designed to protect people from bombs during air raids.
- Often had benches and basic supplies inside.



## Design and Technology: Year 5 and 6: Summer Term: Structures: Anderson Shelters

Vocabulary	
<b>Frame structure</b>	A structure made from parts (frames) joined together, often using a skeleton frame.
<b>Stiffen</b>	To make a structure more rigid so it doesn't bend easily.
<b>Strengthen</b>	To make a structure stronger to support weight or resist force.
<b>Design specification</b>	A detailed description of the design requirements.
<b>Design decisions</b>	Choices made during the design process.
<b>Make</b>	The process of creating a product.
<b>Join</b>	To connect materials together.
<b>Stability</b>	How well a structure stays upright and balanced.
<b>Functionality</b>	How well something works for its intended use.
<b>Evaluate</b>	To assess how successful the design and final product are.