

LEARNING JOURNEY

Year 8 – Sustainable Architecture



In Design and Technology, I am learning:

How and why products are made. What they are made from. What their impact is.

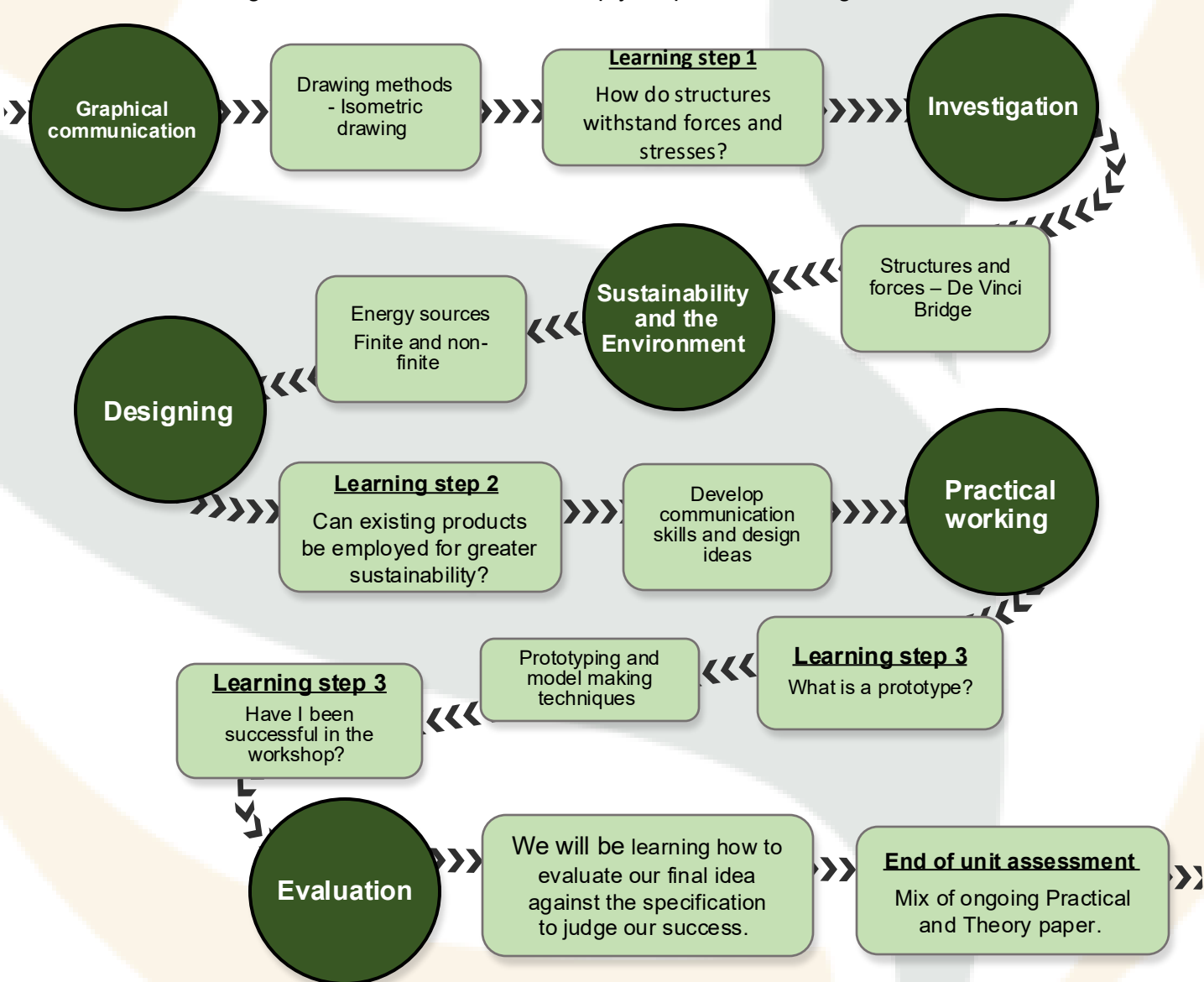
Topic Summary

We will be learning about graphic communication, building your designing drawing skills.

You will have the opportunity to investigate and experiment with structures - developing your understanding of the forces and stresses that act upon a structure.

We will learn about sustainable energy sources which reduce the impact of fossil fuel use.

We will be working with varied materials to develop your practical making skills.



TUDOR HABITS AND VALUES: You will focus particularly on your tolerance, respect and empathy in understanding the connections and challenges in being a religious believer.

VOCABULARY:

Isometric. **Structures – Frame / Shell**
Forces. **Compression.** **Tension.** **Torsion.**
Shear. **Bending.** **Sustainability.** **Finite.**
Non-finite. **Prototype.**