

LEARNING JOURNEY D&T

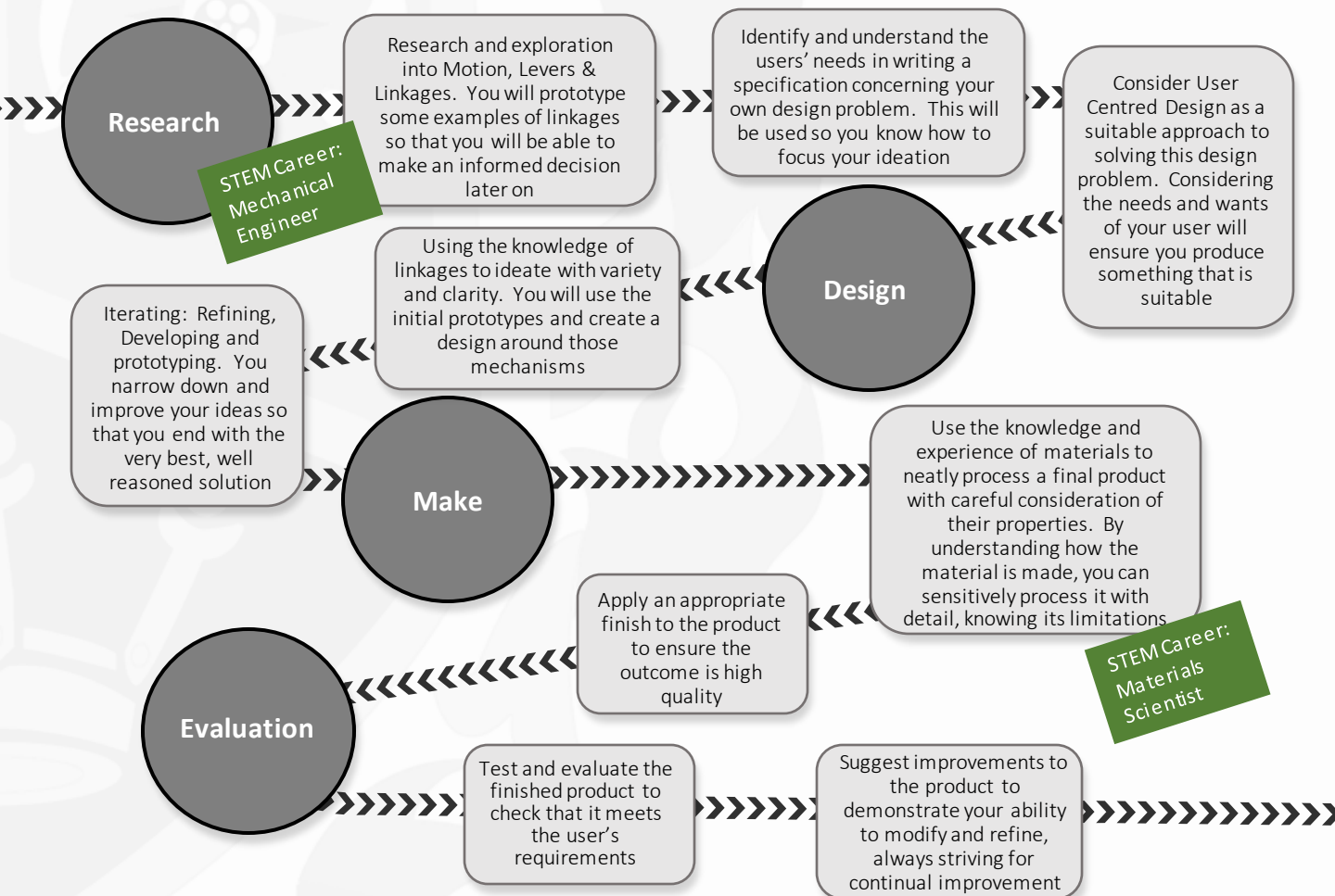


Linkages

Year 7 Spring 2 and Summer Term

In your previous schools, you were taught about understanding and using mechanical systems in your products [for example, gears, pulleys, cams, levers and linkages]. This project builds on that and you will understand how more advanced mechanical systems can be used in products to enable changes in movement and force.

You will safely and creatively complete a Linkage Toy whilst progressing through the iterative design process. Your knowledge and understanding of timbers and boards will be reinforced.



TUDOR HABITS AND VALUES: This project takes a lot of patience and courage as it may not go right first time! You need to be open to failure and feedback and work through these problems

VOCABULARY: Fulcrum, Linear, Reciprocating, Rotary, Oscillating