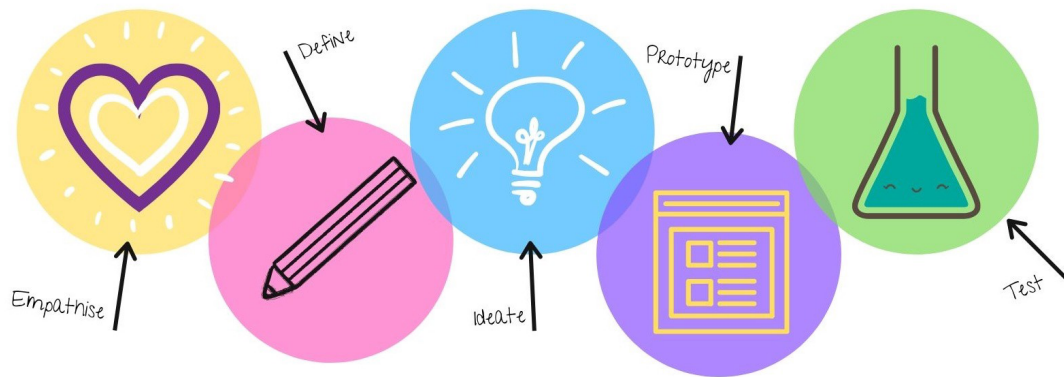




Think Like an Engineer Workshop



Design Thinking Process

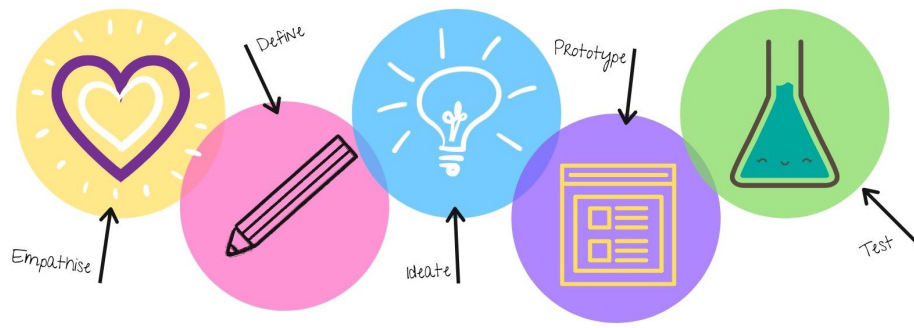


Project 1: Design a car powered by air

Why should we design a car powered by air?

What are some ideas you have about a car powered by air?

Draw a blueprint of your design:



Project 2: Design and build a fairy house

What do fairies need in their homes?

What are some ideas you have about a fairy house?

Draw a blueprint of your design:

Build a prototype!

Project 3: Design and build a bridge at least 30cm long that can hold 500g of weight

Why should the bridge hold 500g of weight?

What are some ideas you have about your bridge?

Draw a blueprint of your design:

Build a prototype!