PLANNING YOUR PROTOTYPE

Use this worksheet to help plan out a strategy for prototyping your idea. Use the different methods presented in the workshop as inspiration. Please be mindful of what is achievable during lock-down and how you might need to modify your aspirations. Complete as a group.

1. CONCEPT TITLE
(Copy from Worksheet 5)
'THE OCEAN HOOVER'

2. WHAT IS THE FUNCTION OF THE PROTOTYPE?
(This is the primary function of your product / service)
TO REMOVE PLASTIC WASTE FROM THE OCEAN AND RECYCLE IT

3. WHO WILL INTERACT WITH THE PROTOTYPE?
(This could be your development team or user research respondent)
- OUR TEAM

4. WHAT DO YOU WANT TO LEARN FROM THE PROTOTYPE?
(This could be Scale, Ergonomics, Appearance, Function, User Experience etc.)
- HOW THE INFRASTRUCTURE AND SYSTEM WILL OPERATE, OPERATION OF SYSTEM OVER TIME

5. WHAT MATERIALS DO YOU HAVE AVAILABLE?
(You may have to be creative here and source what is within the home)
- CARD, PAPER, PLASTIC
- LEGO
- CAMERA / VIDEO

6. IF THERE WAS NO COVID-19 LOCK DOWN HOW WOULD IT CHANGE YOUR PROTOTYPING APPROACH?
(Would you source different materials or engage with external experts?)
- WE WOULD MAKE A SMALL FUNCTIONAL PROTOTYPE, SHOWING HOW THE DEVICE SUCKS UP THE PLASTIC WASTE

7. HOW WILL YOU NEED TO MODIFY/ SIMPLIFY YOUR CONCEPT TO PROTOTYPE IT?
(You may have to concentrate on specific aspects of your concept)
- WE NEED TO SIMPLIFY ALL COMPONENTS - CAPTURE UNIT - FILTER UNIT - POWER - BALING AND TRANSPORTATION

EXAMPLE WORKSHEET 6a