

DESIGN YOUR HABITAT



Destination

Space Underwater

Beginners/ Intermediates Activity Package

What is your goal?

Build an underwater habitat with household materials.



Materials

- Paper or printed handout
- Pencil
- Wax paper
- Aluminum foil
- Plastic wrap film
- Plastic clear cups
- Craft sticks
- Straws
- Scissors
- Duct tape or hot glue gun
- Clear water recipient
- A few small rocks

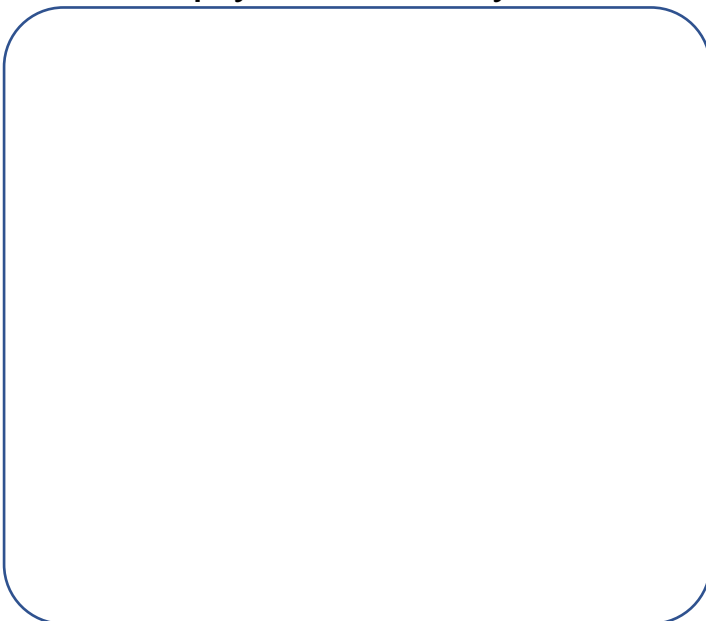
NEEMO background knowledge

After watching the video describe what are the challenges of working and living underwater



NASA's Engineering Design Process

After watching the [video](#) how do you think this process will help you to build your habitat.



Plan

After watching taking a tour to the Aquarius underwater lab, make a list of the materials that you plan to use, and describe how does your habitat will look like.

Materials: _____

Habitat description:

Sketch

Make a drawing or sketch and label each part of your habitat. Once you finish using this picture as your blueprint for building the habitat.



DESIGN YOUR HABITAT



Destination

Space Underwater

Advanced Activity Package



Materials

- Paper or printed handout
- Pencil
- Wax paper
- Aluminum foil
- Plastic wrap film
- Plastic clear cups
- Craft sticks
- Straws
- Scissors
- Duct tape or hot glue gun
- Clear water recipient
- A few small rocks

What is your goal?

Build an underwater habitat with household materials that can hold a bubble of air underwater.

NEEMO background knowledge

After watching the video describe what are the challenges of working and living underwater



Planning

After watching taking a tour to the Aquarius underwater lab, make a list of the elements that you think are important in order to design an underwater habitat

Actual construction

Elements:

Elements that I would like

to include:

Researching

Draw and write about key concepts in the construction of underwater structures.



Sketching

Make a drawing or sketch and label each part of your habitat. Once you finish using this picture as your blueprint for building the habitat.

