

"Grow" your own Sugar Kelp forest

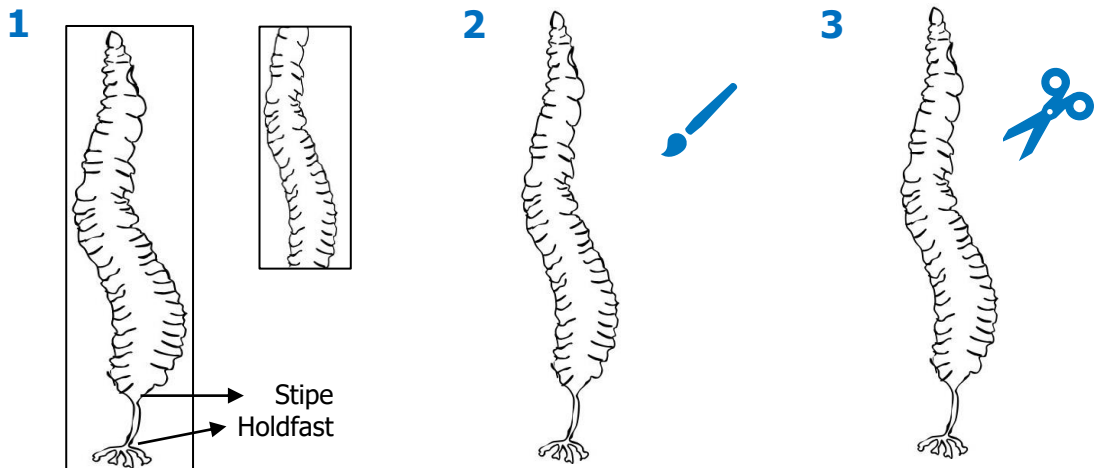
Aim	This is interactive art project to show students the beauty and amazing growth rate of Sugar Kelp
Age	3 rd and 4 th class
Objective	For students to understand how sugar kelp grows To be able to name 3 parts of sugar kelp To understand the growth rate of sugar kelp
Curriculum Links	Geography, Science, Art and SESE.
Materials	Pencils, Paint, markers, colouring pencils Paper, newspaper, crepe paper Scissors, blu-tack.
Preparation	Using the lesson provided, engage your students on the species of sugar kelp. Ask students to bring in old newspapers or other pieces of paper.
Activity	Using recycled paper your class is going to "grow" your own kelp forest by drawing out fronds and making them "grow." Ideally you would like to increase the length of the frond daily as this is how sugar kelp grows in nature. If this is not possible simply add extra growth to the frond on a particular day during the week e.g., Frond Day Friday. Remember that sugar kelp has a growth rate of 1.1cm – 6.35 cm per day, therefore if you are adding the length weekly you will need to add sections that are at least 7.7cm in length.

Sugar kelp can be yellowish brown to greenish brown, allow students to be creative with colouring. A frond has ruffled edge, help may be needed when it is being cut out. For the holdfast students may cut a around the shape rather than cut it out in detail. Add extra elements to your forest over the year and see your forest grow. Make sure you take photos and tag us

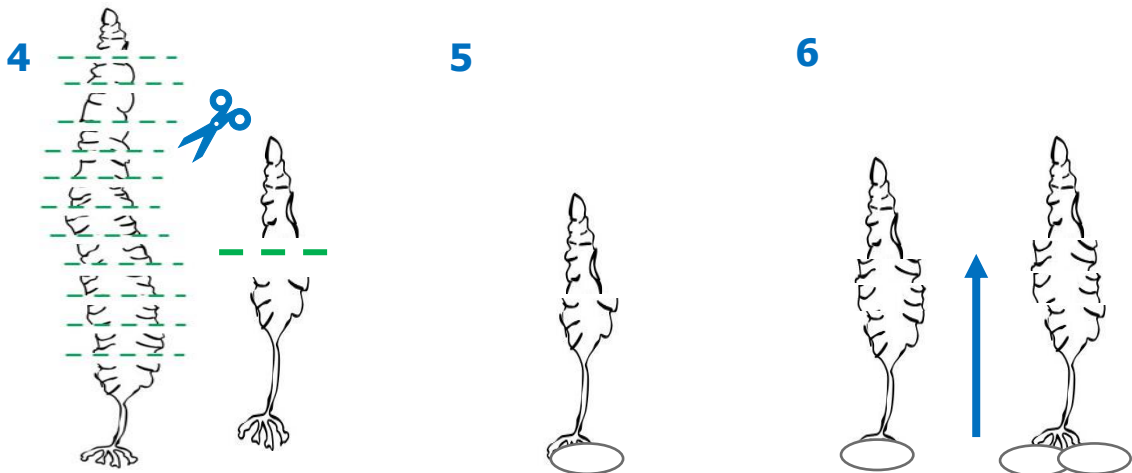
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Sugar Kelp Forest- Frond friends



1. Draw outline of your frond and include the stipe and holdfast. Remember the edges of the frond are crinkly. Draw an extra section of a frond to use later.
2. Colour in your frond.
3. Cut out the outline of your frond



4. When cutting your frond into sections, make sure to cut a bottom section which includes the stipe and holdfast and a top section of the frond.
5. You are now ready to start your kelp forest. Stick your bottom section of the frond (holdfast and stipe) to the wall along with the top of the frond.
6. Add a section to your frond daily/weekly. Remember to add to your frond from the bottom upwards, which means you will need to move the sections up as you go. Your kelp may look slightly uneven but as fronds move about in the water this will only add to your forest.
Add rocks and other creatures to your classroom kelp forest.