

Ocean Patterns Home Scavenger Hunt!





PATTERNS!!!



Sherlock Holmes once said, “You see, but you do not observe.” Making good observations is a skill that takes practice and time, time and practice. It is an important skill to develop, as good observations allow a person to notice and uncover patterns around them that others may not.

To the trained eye, patterns can be found everywhere in nature and in the designed world. Patterns come in all different shapes, sizes, colors, and forms. Take a moment to look around where you are. What do you notice? Are there any patterns you can identify? If so, have you seen a similar pattern somewhere else?

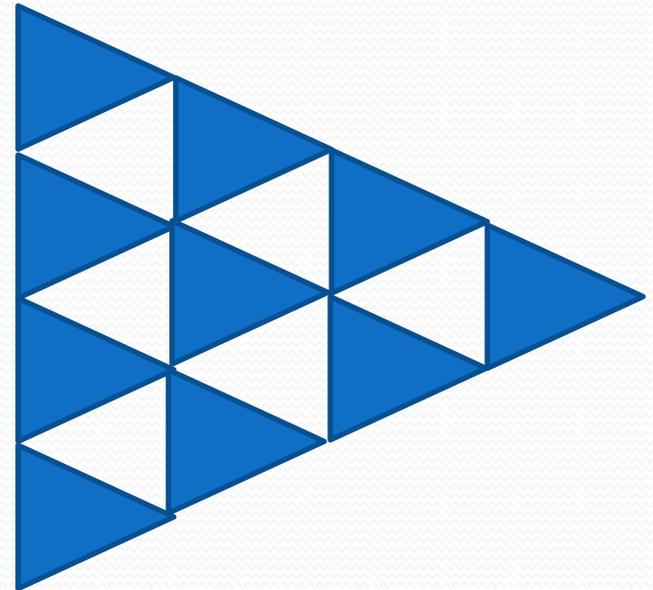
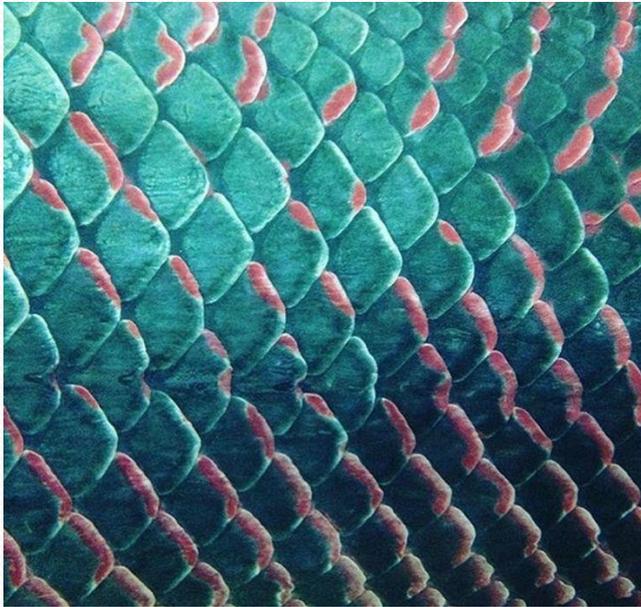
Patterns Scavenger Hunt Activity

It's time to practice your observation skills as you go on a scavenger hunt of your house, both inside and outside, looking for patterns! The patterns you are looking for are also patterns that can be found in the ocean. Each page provides you with a picture of the pattern found in the ocean (on the left) and the modified pattern you are trying to find (on the right).

Once all eight patterns have been found, take some time to reflect on your observation by answering the question sheet. Remember, good science is good observation.

Fish Scales Tessellations!!!

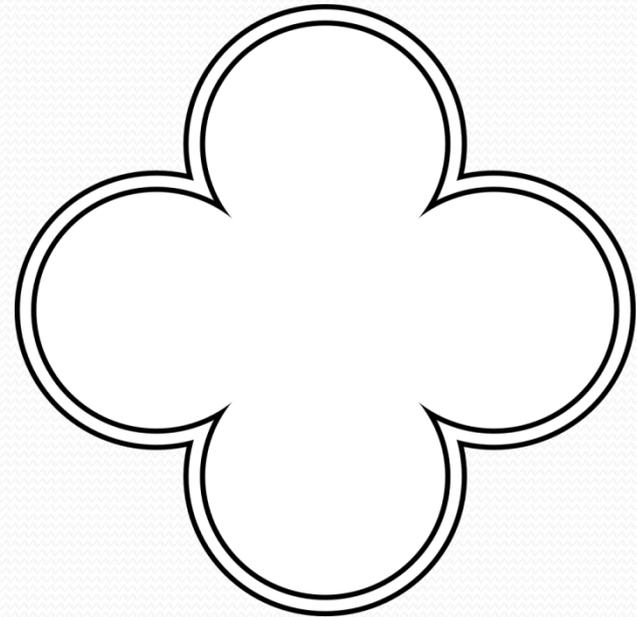
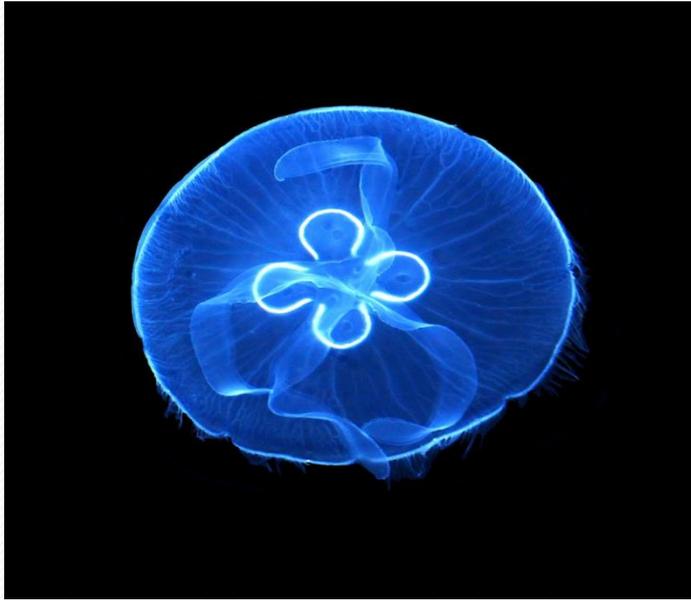
Scavenger Hunt Goal: Find three or more triangles that are stacked together.



Where at home did you find this pattern?

Jellyfish Clover Four-Fold Symmetry

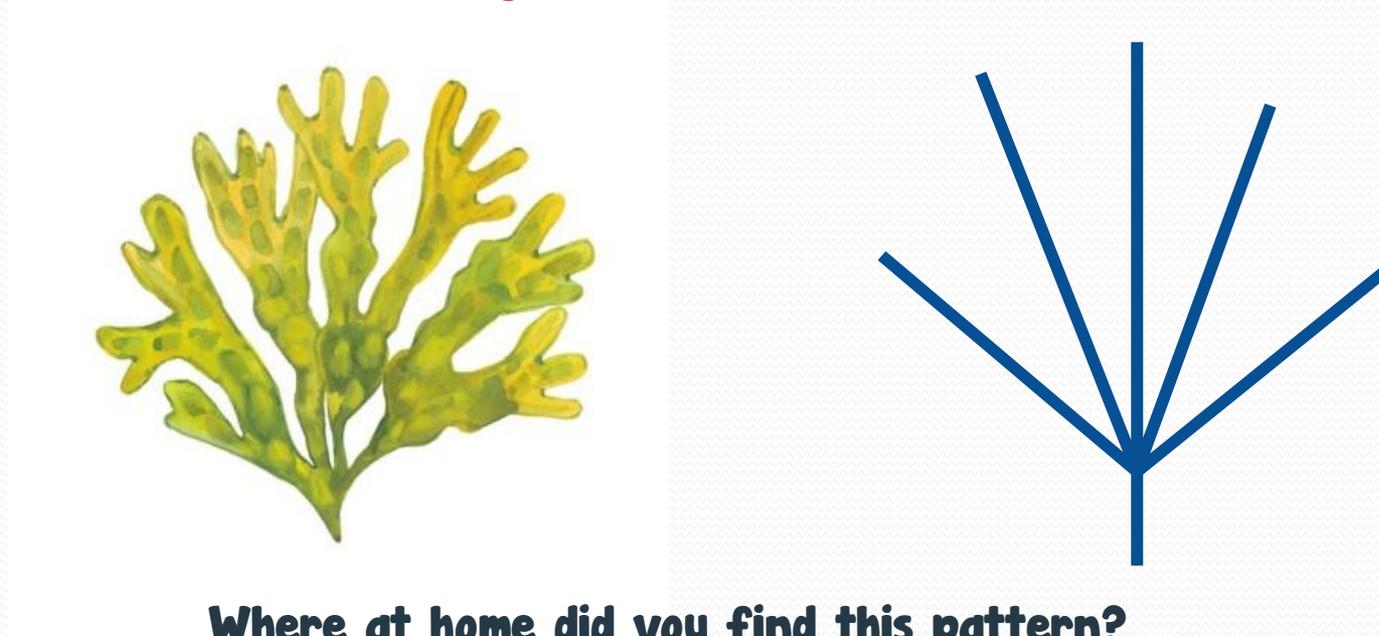
Scavenger Hunt Goal: Find one clover-like pattern.



Where at home did you find this pattern?

Seaweed Hands Linear Symmetry!

Scavenger Hunt Goal: Find five lines connecting that resemble a hand (your own hand does not count!)



Where at home did you find this pattern?

Spiral Shell Pattern!

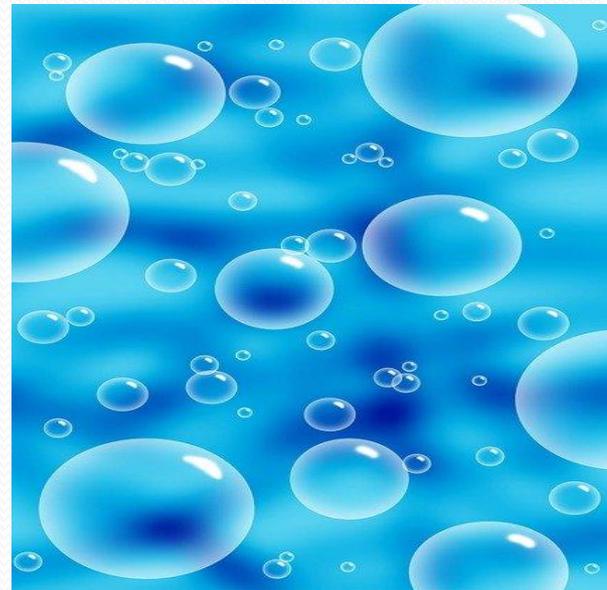
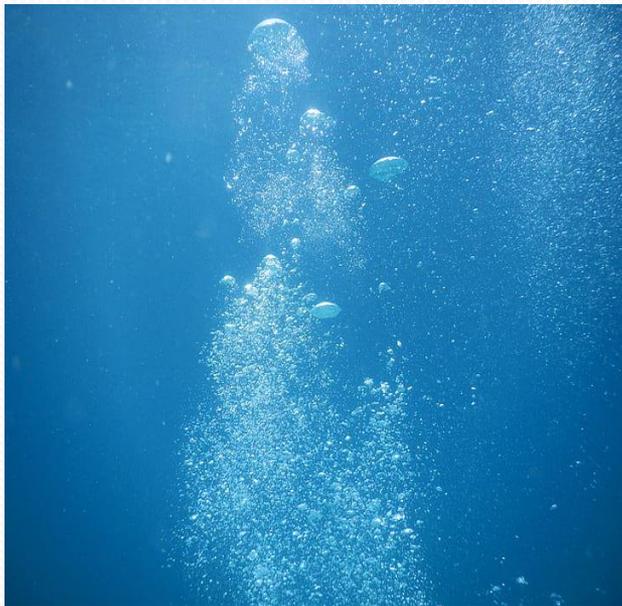
Scavenger Hunt Goal: Find this particular type of spiral that hooks to the right at the end!



Where at home did you find this pattern?

Bubble Pattern!

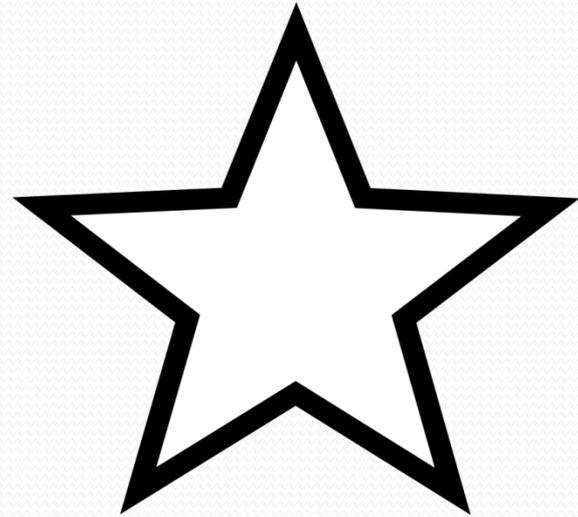
Scavenger Hunt Goal: Find three or more circle shapes close together of various sizes.



Where at home did you find this pattern?

Sea Star Pattern Five-Fold Symmetry!

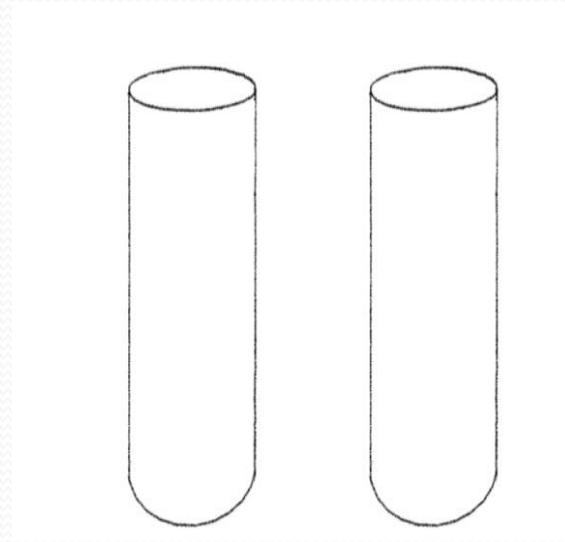
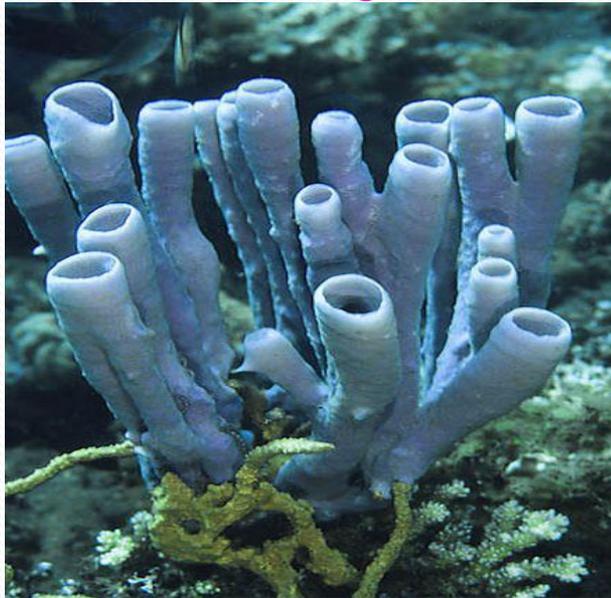
Scavenger Hunt Goal: Find a star shape.



Where at home did you find this pattern?

Coral Open Cylinder Pattern!

Scavenger Hunt Goal: Find two or more open-ended cylinders close together.



Where at home did you find this pattern?

Tropical Fish Color Pattern!

Scavenger Hunt Goal: Find one object that has the colors blue, yellow, orange, white, and black.



Where at home did you find this pattern?

Pattern Order

Use this page to keep track of the patterns you find. List the patterns in the order in which you find them.

1st Pattern Found:

2nd :

3rd :

4th :

5th :

6th :

7th :

8th :

Reflective Questions

Great job completing the ocean home scavenger hunt! Take some times to answer this questions below about your experience!

- **What surprised you the most about the scavenger hunt?**
- **What was the most difficult pattern for you to find?**
 - **Why do you think this was?**
- **What advice would you give to someone before going on this scavenger hunt?**
- **Do you feel you are better or worse at making observations and uncovering patterns after doing the scavenger hunt?**
 - **Why so?**

Helpful Hints & Suggestions!

- **1) Remember this is suppose to be a fun activity that develops the skill of making observation! Developing a skill takes time. If you feel yourself getting frustrated trying to find a pattern(s) please feel free take a break.**
- **2) Scale! Take a step back and think about where you've been looking for these patterns. Are you looking too broad or too narrow? Whatever the case may be, switch it up. (Hint: Many patterns can be found in bark and in clouds)**
- **3) Work Together! Don't be afraid to work on this scavenger hunt with your family or friends. It is a great way to learn from each other!**