

Learning Xpedition @ Labrador Park

Treasure Hunt Activity – Answer Key



A - Purple Sponge (Sponges)

Appearance : It is a purple blobby mass. It has lots of holes over its body and has a soft but slightly rough texture.

Shore zone : Middle and lower shore.

Habitat : Stuck under stones and in crevices.

Movement : Does not move.

Breathing : Breathing holes.

Feeding : Filter feeder – sucks in water and filters out the food particles



B - Orange Sponge (Sponges)

Appearance : It is an orange blobby mass. It has lots of holes over its body and has a soft but slightly rough texture.

Shore zone : Middle and lower shore.

Habitat : Stuck under stones and in crevices.

Movement : Does not move.

Breathing : Breathing holes.

Feeding : Filter feeder – sucks in water and filters out the food particles.



C - Spikey Turban Shell (Molluscs)

Appearance : It is a large sea snail species. Its shell is light in colour with a very spikey texture and has a hard blue, eye-like flap covering its foot.

Shore zone : Middle and lower shore.

Habitat : Lives under stones and in crevices.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds.



D - I - Spotted Top Shell (Molluscs)

Appearance : It is a large sea snail species. It has a striped or spotted cream and purple colouration and a tall conical shell.

Shore zone : Middle shore.

Habitat : Lives under stones and in crevices.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds and lichens.

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E - Wandering Cowrie (Molluscs)

Appearance : It is a medium sized sea snail species. It has a spotted white and brown colouration with a row of small teeth inside its smooth shell.

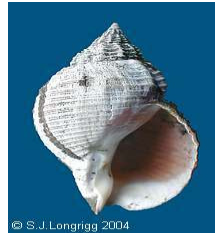
Shore zone : Middle and lower shore.

Habitat : Lives under stones and in crevices.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds.



F - Purple Lipped Whelk (Molluscs)

Appearance : It is a small sea snail species. Its shell is dark with a wrinkly texture and has a purple inner lip.

Shore zone : Middle shore.

Habitat : Lives under stones and in crevices.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Carnivorous – feeds on other animals such as barnacles.



G - Dwarf Turban Shell (Molluscs)

Appearance : It is a large sea snail species. Its shell is dark with a grooved texture and has a hard eye like a flap covering its foot.

Shore zone : Middle and upper shore.

Habitat : Lives under stones and in crevices.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds.



H - Tall Periwinkle (Molluscs)

Appearance : It is a medium-sized sea snail species. It has a dark mottled colouration and a tall smooth shell.

Shore zone : Upper shore and splash zone.

Habitat : Lives under stones.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds and lichens.

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I - Air Breathing Sea Slug (Molluscs)

Appearance : It is a medium- sized sea slug species. It has a dark mottled colouration and a soft warty texture. It may be covered in sand grains.

Shore zone : Upper shore.

Habitat : Lives on stones and in crevices.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds and lichens.



J - False Limpet (Molluscs)

Appearance : It is a small sea snail species. It has a squat conical shell with many thin white ribs radiating out from the central peak.

Shore zone : Upper shore and splash zone.

Habitat : Lives on stones.

Movement : Slides on its foot.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds and lichens.



K - Sea Squirt (Chordates)

Appearance : Sea squirts are soft orange animals with a warty appearance and a jelly-like texture.

Shore zone : Middle shore.

Habitat : Stuck under rocks.

Movement : Does not move.

Breathing : Gills.

Feeding : Filter feeder – sucks in water and filters out the food particles.



L - Blue Swimming Crab (Crustaceans)

Appearance : It is a large crab species. Its shell is tinged blue with white lines. It has a spiked shell with eyes wide apart. Its black legs are flattened to help it

swim

Shore zone : Lower shore.

Habitat : Lives under stones and in crevices.

Movement : Walks on legs.

Breathing : Gills.

Feeding : Carnivorous – feeds on sea snails & other animals.

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M - Red Egg Crab (Crustaceans)

Appearance : It is a large crab species.
Its

shell is red with white spots and it has a smooth egg-like texture.

Shore zone : Lower shore.

Habitat : Lives under stones and in crevices.

Movement : Walks on legs.

Breathing : Gills.

Feeding : Herbivorous – feeds on seaweeds.



N - Barnacles (Crustaceans)

Appearance : Barnacles are hard white volcano shaped animals with a trap door- like structure in the middle of the shell.

Shore zone : Middle and upper shore.

Habitat : Stuck on rocks.

Movement : Does not move.

Breathing : Gills.

Feeding : Filter feeder – sucks in water and filters out the food particles.



O – Hermit Crab (Crustaceans)

Appearance : The hermit crab is not a true crab but acquired its name from its habit of occupying empty gastropod shells to protect its soft body. It has to change to a bigger shell as it grows.

Shore zone : Lower and middle shore.

Habitat : Lives under stones and in crevices.

Movement : Walks on legs.

Breathing : Gills.

Feeding : Scavengers, feeding on decaying matter and algae.



P - Sargassum Seaweed (Algae)

Appearance : The sargassum seaweed is a medium-sized brown seaweed. It has a thick leaf-like appearance.

Shore Zone : Middle shore.

Habitat : Live on rocks and in crevices.

Movement : Does not move.

Breathing : Stomata.

Feeding : It photosynthesizes.

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Q - Sea Tapegrass

Appearance : This seagrass has thick underground stems that are densely covered with the fibrous strands of old leaves. The underground stems also have many cord-like, hairless roots.

Shore Zone : Middle and lower shore.

Habitat : Live on rocks and in crevices.

Movement : Does not move.

Breathing : Stomata.

Feeding : It photosynthesizes.



R - Sickle seagrass (Algae)

Appearance : Sickle seagrass have Strap or sickle-like leaves.

It has thick underground stems. This firmly-anchored species can form large beds.

Shore Zone : Middle and lower shore.

Habitat : Live on rocks and in crevices.

Movement : Does not move.

Breathing : Stomata.

Feeding : It photosynthesizes.



S - Zipper Seaweed (Algae)

Appearance : Zipper seaweed grows in thin ribbons with tiny teeth on either side that makes it look like a zipper. Some-times, it branches at the tip.

Shore Zone : Lower shore.

Habitat : Live on rocks and in crevices.

Movement : Does not move.

Breathing : Stomata.

Feeding : It photosynthesizes.



T - Mermaid's Fan Seaweed (Algae)

Appearance : The mermaid's fan seaweed is a medium-sized brown seaweed. It has a curved semicircular appearance.

Shore Zone : Middle and lower shore.

Habitat : Live on rockpools.

Movement : Does not move – is attached to rocks by a holdfast.

Breathing : Stomata.

Feeding : It photosynthesizes.

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U - Sea Grapes (Algae)

Appearance : The actual plant body of a sea grape is the stem-like stolon which attaches itself to rocks. The typical grape-like structures are actually the erect branches

Shore Zone : Lower shore.

Habitat : Live on rocks and in crevices.

Movement : Does not move.

Breathing : Stomata.

Feeding : It photosynthesizes.