

Intertidal Zone

You'll find the intertidal zone where the water meets the shore. It has varying conditions due to changing tides, so there is a lot of God's creation found there. Sometimes the intertidal zone is covered in water, and sometimes it is dry, so these animals must be able to survive these conditions. Thankfully, God created them with just what they need to do so.

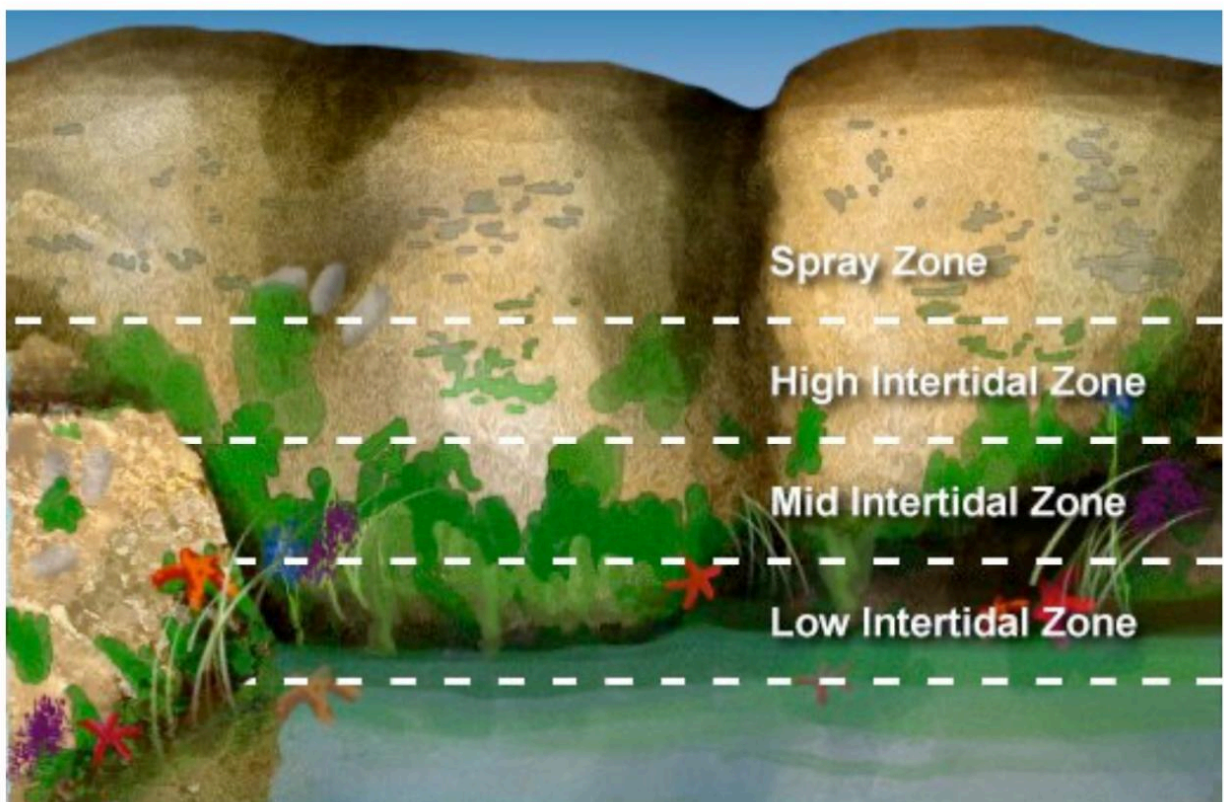
Follow these links to learn more about the intertidal zone.

Here's a short video sharing information about the intertidal zone.

[▶ The Intertidal | UnderH2O | PBS Digital Studios](#)

Learn about different zones within the intertidal zone by following this link from the NOAA (image from NOAA website)

https://oceanexplorer.noaa.gov/edu/learning/10_tides/activities/intertidal.html



Use this link / photo from link to have kids draw their own intertidal zone and add animals you might find there.

https://www.exploringnature.org/graphics/biomes/tidal_zone72.jpg

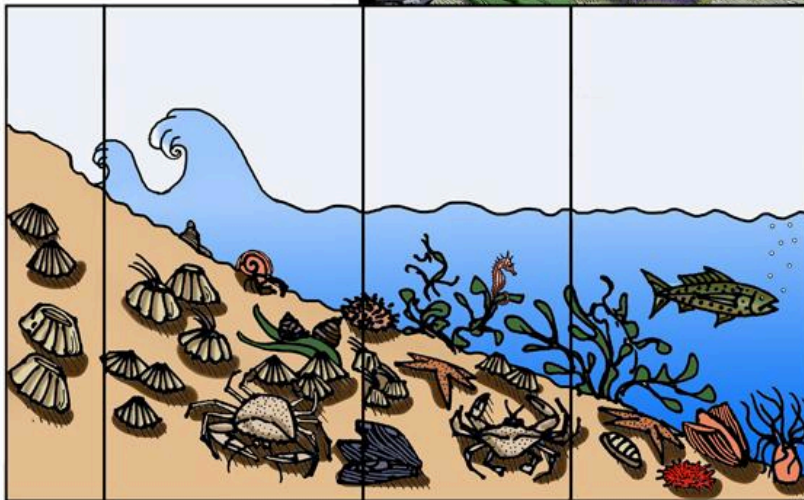
Make your own ocean including the intertidal zone's tide pools by following this video from The Good and the Beautiful.

▶ Create Your Own Shore with Tide Pools Experiment | Marine Biology | The Good and the Beautiful

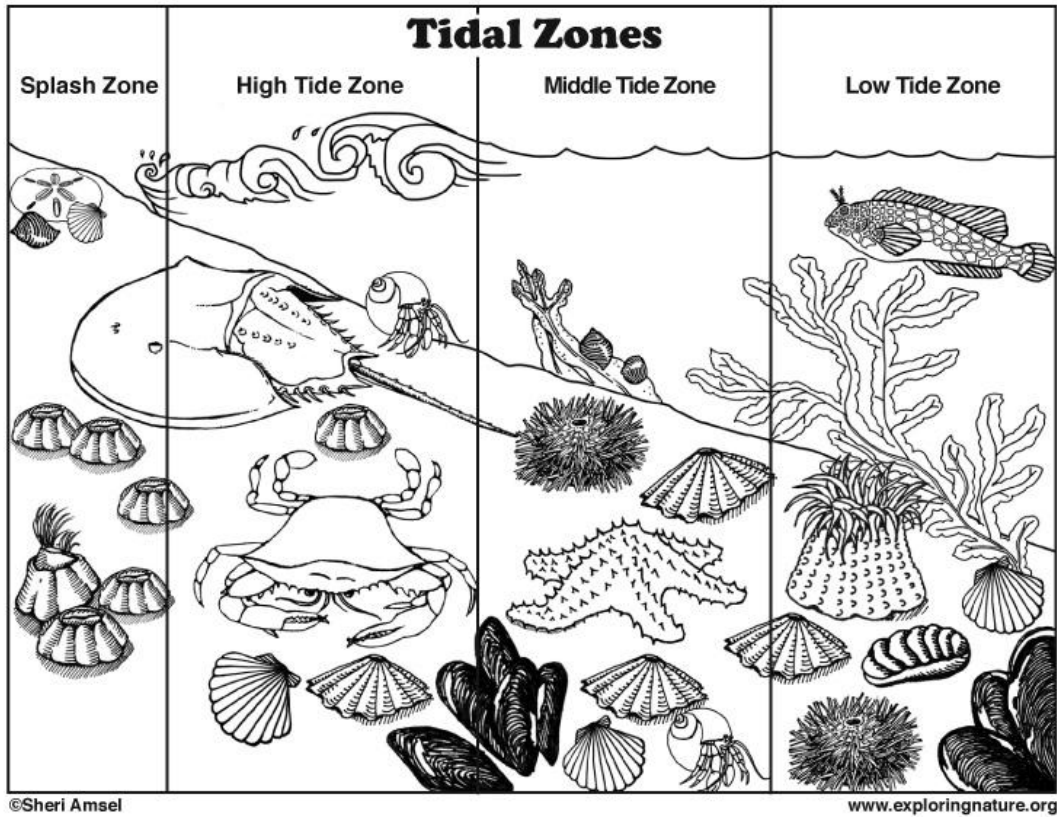
Animals and Plants in the Tidal Zones

The Low Tide Zone (or Lower Littoral Zone) is mostly underwater. It gets dry only for a short time during low tide. There are tons of wildlife in this zone.

You can find lots of seaweeds and kelps (1), sea anemones (2), hermit crabs (3), green crabs (4) and other crabs, starfish (5), periwinkle snails (6), limpets (7), barnacles (8), razor clams (9) and other clams, mussels (10), sponges, shrimp (11), chitons (12), sea urchins (13), abalone, small octopuses (14), sea slugs, sea cucumbers and green algae. There are also many fish like the porgy (15), bay blenny (16), and grunion (17).



Here's a coloring page link from Coloring Nature.



https://www.coloringnature.org/coloring_page/tidal-zones/

If your kids enjoy play dough, have kids use play dough to create intertidal animals in an intertidal diorama.

If you've enjoyed these learning links, please share and tag me on Instagram on TheOceanFarmer!

https://www.instagram.com/the.ocean.farmer?igsh=MXV2cjNvbHprZGttdA%3D%3D&utm_source=qr