



An Unofficial Minecraft Encyclopedia

Sail East!

MINECRAFT ECOLOGY

An Unofficial Minecraft Book



The sea is a vast biome.
It **flows** on and on, far
past the **coast**. Sail any
way you like, and you will
always find more sea.

Above the water is pale
sky. Beneath the
surface, a big wild world
is waiting for you to
explore.





The sea cuts the land into chunks. Where land pokes above the water, a bit of land forms. Some bits of land are **narrow**, with just a **row** of sand blocks.

Others are so big you can make a home on them. Will you find a cozy bit of land, or will you keep on sailing?

Mild seas are **shallow** and full of life. Seagrass and kelp **grow** on the sandy floor **below**. Vivid tropical fish roam in **yellow** and red, and squid drift in the **flowing** water. Almost all sea mobs can live in this biome. It has more life than most sea biomes.

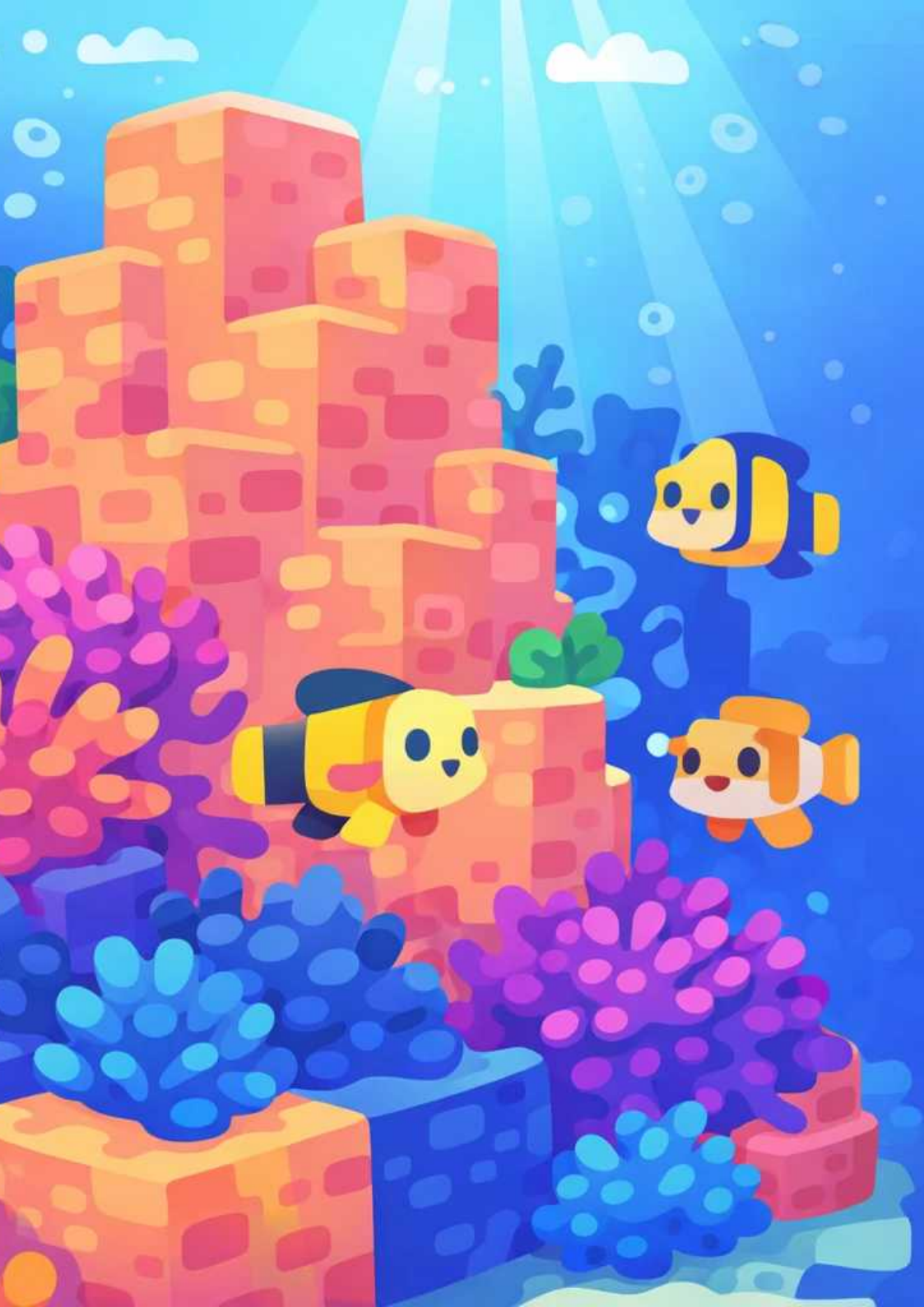




Cold seas are dark and deep. **Below**, the floor is gravel and dirt, not sand. The **glow** is **low**, and the cold water **flows slowly**. Not many mobs **roam** this far into the cold sea. Cod and squid do not mind. Swim deeper, and the water **grows** darker.

A frozen sea is a very cold place. Big chunks of ice float on the surface, and the water **below** is icy and dark. **Snow** falls on the ice, and the chill **grows** deep. Not much can survive in a frozen sea. Just squid and small fish can swim in the deep.





Shallow seas are home to coral reefs. The reefs **glow** with pink and **yellow**.

Coral **grows** in many shapes: brain coral, tube coral, and fan coral. Tube coral is **hollow** inside.

Coral is not a plant. Each coral is a tiny animal, and many **grow** together in big clusters called reefs.

Not all sea mobs are tame. A mob **roams** the deep and **follows** any swimmer who gets close. Zap! It fires a beam at them. In the dark, other sea mobs lurk in the **shadows** and attack any swimmer they find. The sea holds danger in every **shadow**. Swim fast.





Some sea mobs leave the water for a short time.

Turtles lay their eggs on sandy beaches and then return to the sea. A small yellow fellow rests on the sand with them for a while. Then it floats back into the sea. The shore is close, but the sea is home.

The sea is home to a vast number of animals. Fish, squid, turtles, and coral all depend on clean water to live and grow. When the water is clean and safe, all of them thrive. The reef glows, and fish roam free. But something is off. Turn the page.





Real seas glow with life,
just as the seas in
Minecraft do. But real seas
face real danger. Trash on
the sand harms sea
animals, and heat kills coral
and harms the reef. It is
sad to see, but we can
act. The sea is vast and
full of life. Let us keep it
that way.



Sail East!

A young sailor sets out across an endless sea, past the coast and into open water. Along the way, shallow reefs glow with color, cold currents flow slowly and dark, and a curious yellow fellow waits on a quiet shore. Danger lurks in the shadows too, ready to follow any swimmer who strays too close. Will the sailor find a place to call home, or just keep going? Created to align with the UFLI Foundations scope and sequence (Lesson 86: oa, ow, oe /ō/), this book practices words like 'glow', 'shallow', 'yellow', 'follows', 'fellow'.

Phonics Focus: oa, ow, oe /ō/

below, coast, fellow, float, floats, flowing, flows, follows, glow, glows, grow, grows, hollow, low, narrow, roam, roams, row, shadow, shadows, shallow, slow, slowly, snow, yellow

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