



Marine life SUSTAINABILITY VOCABULARY

海の環境保護に関する言葉

Praenuan Limvattanakul

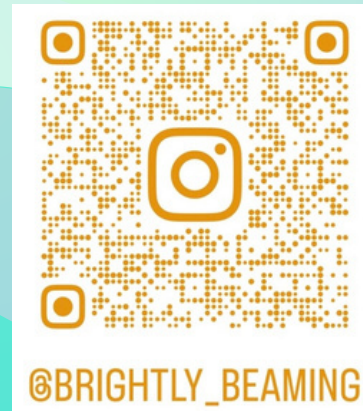
Edited by: **R**omerawin **S**untaranond & **C**harisa **H**owe

Translated by **T**akahiro **T**anabe (Japanese)



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Author

Praenuan Limvattanakul

Contributing Editors:

Romerawin Suntaranond

Charisa Howe

Takahiro Tanabe

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COLOR CODING:

SUNLIGHT ZONE - EASY

TWILIGHT ZONE - MEDIUM

MIDNIGHT ZONE - DIFFICULT

ABYSS - VERY DIFFICULT

色分け:

有光層 -> 簡単

中深層 -> 中度

漸深層 -> 難しい

漸深層 -> 非常に難しい





Sunlight zone
有光層







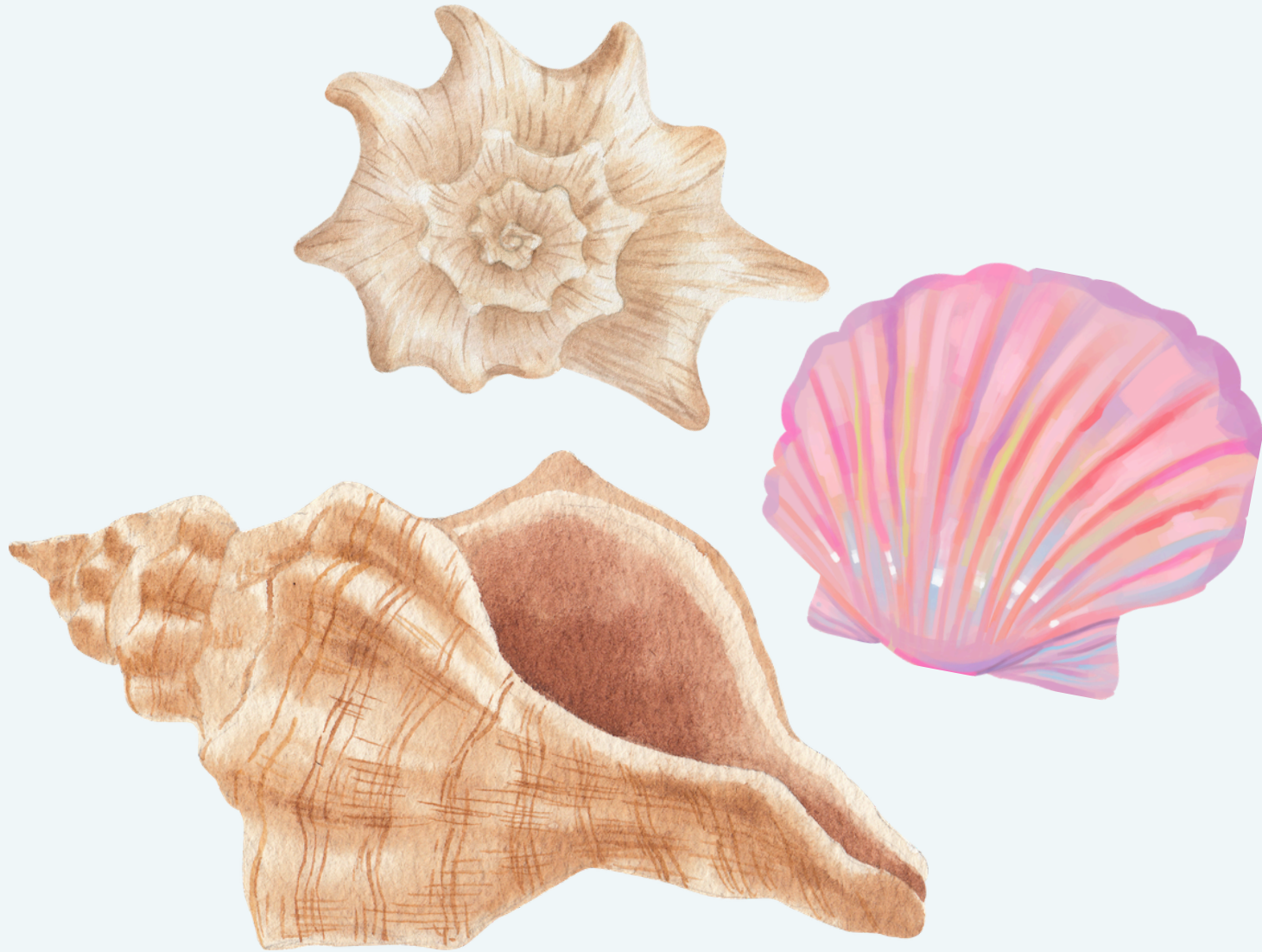
Rubbish

ゴミ



Coral サンゴ

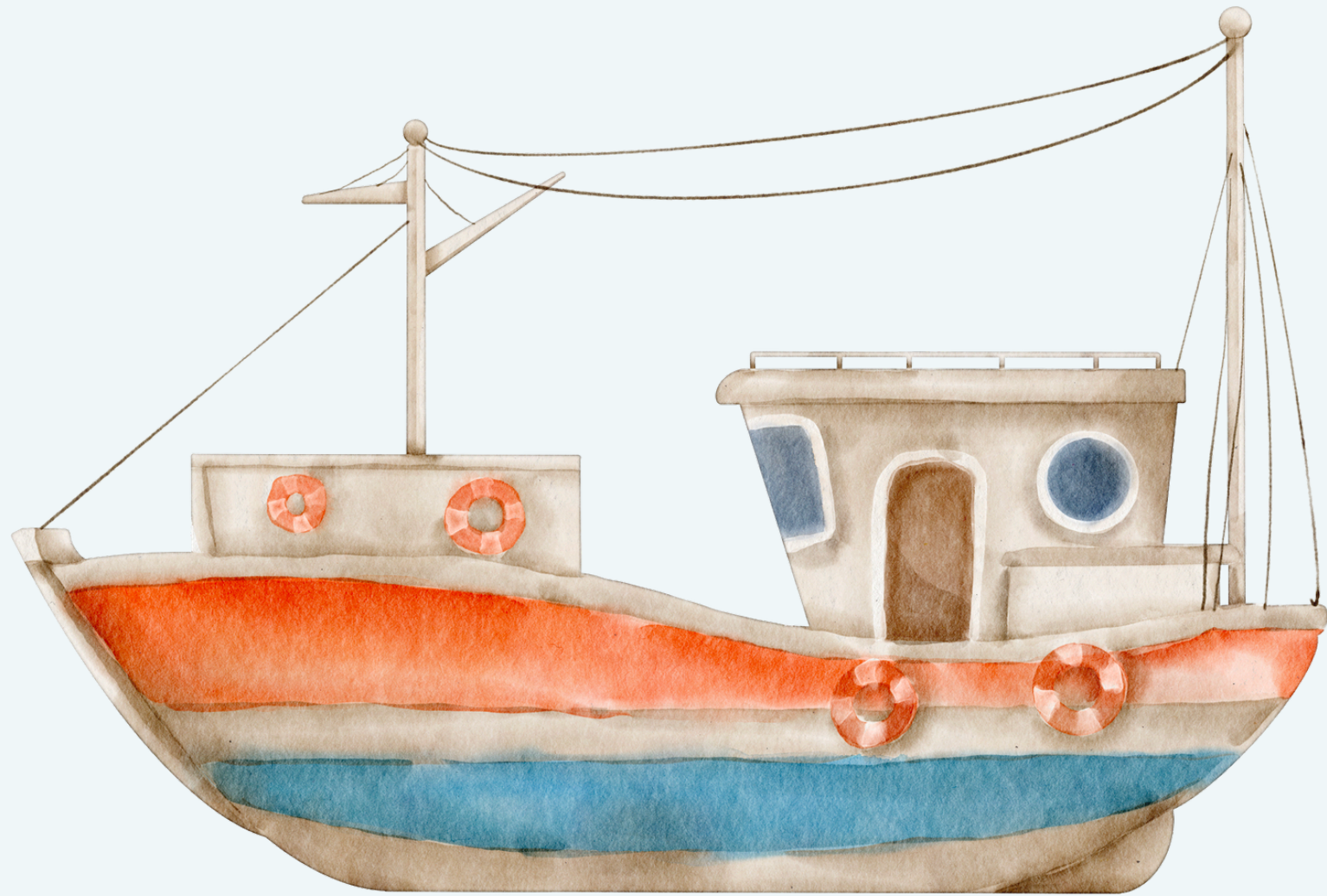






Seashell

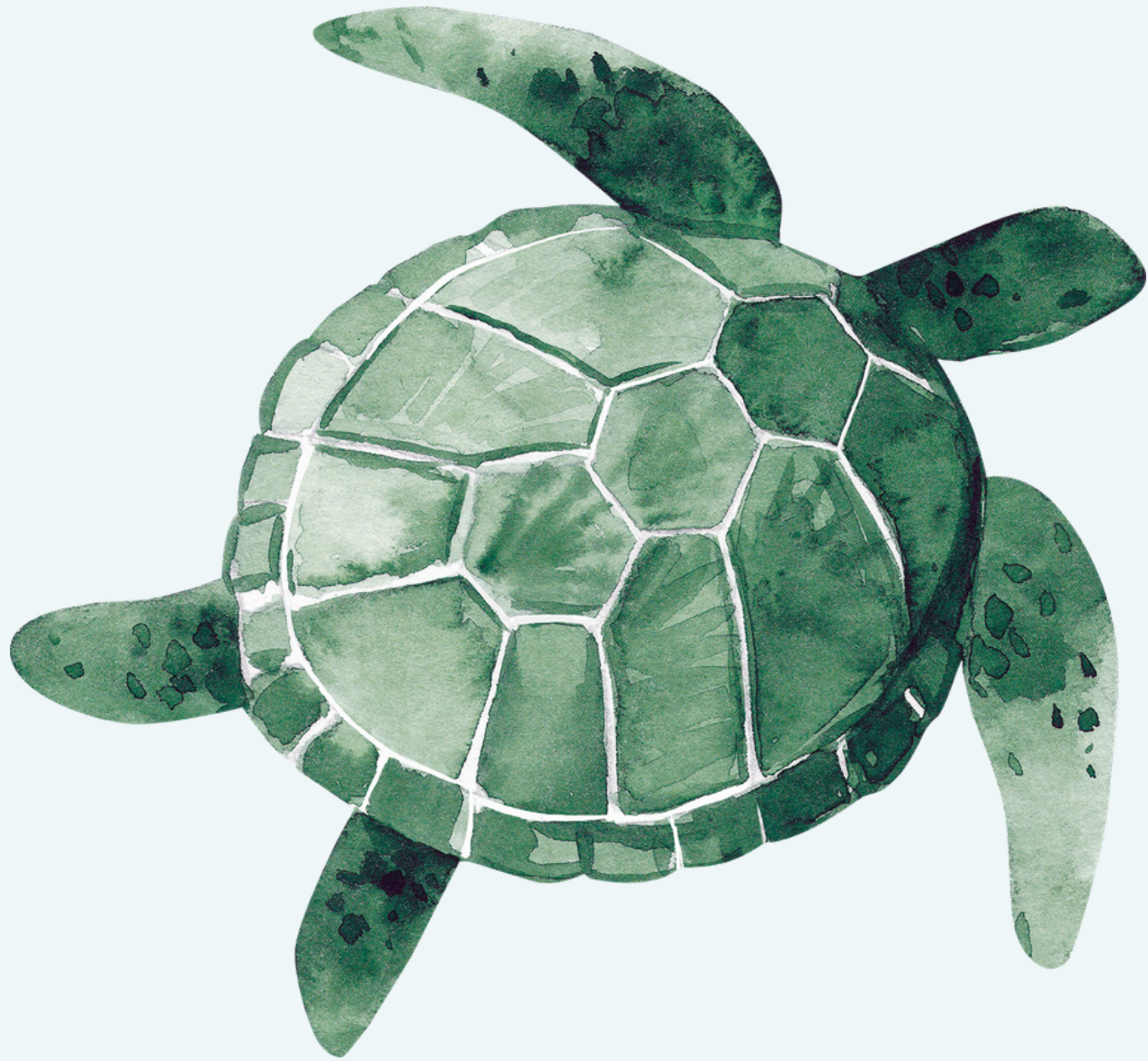
貝殼





Fishing boat

漁船





Sea Turtle

ウミガメ





Blue Whale

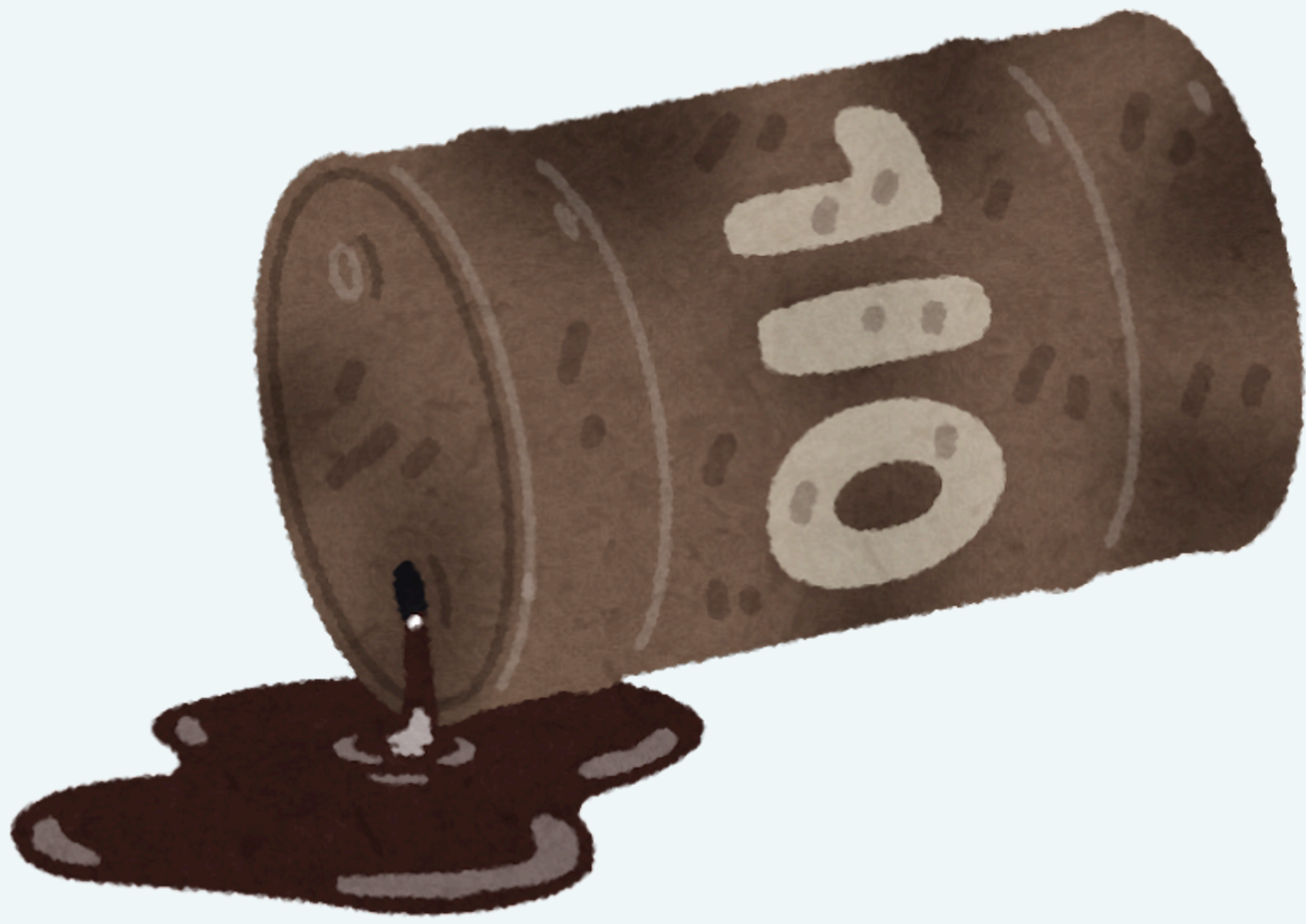
シロナガスクジラ



A decorative border of watercolor coral in various colors (red, orange, green, blue, purple) frames the bottom and sides of the page. The coral is rendered in a soft, painterly style with visible brushstrokes.

Recycling

リサイクル



Oil Barrel

石油バレル





Jellyfish

クラゲ







Plastic bottle

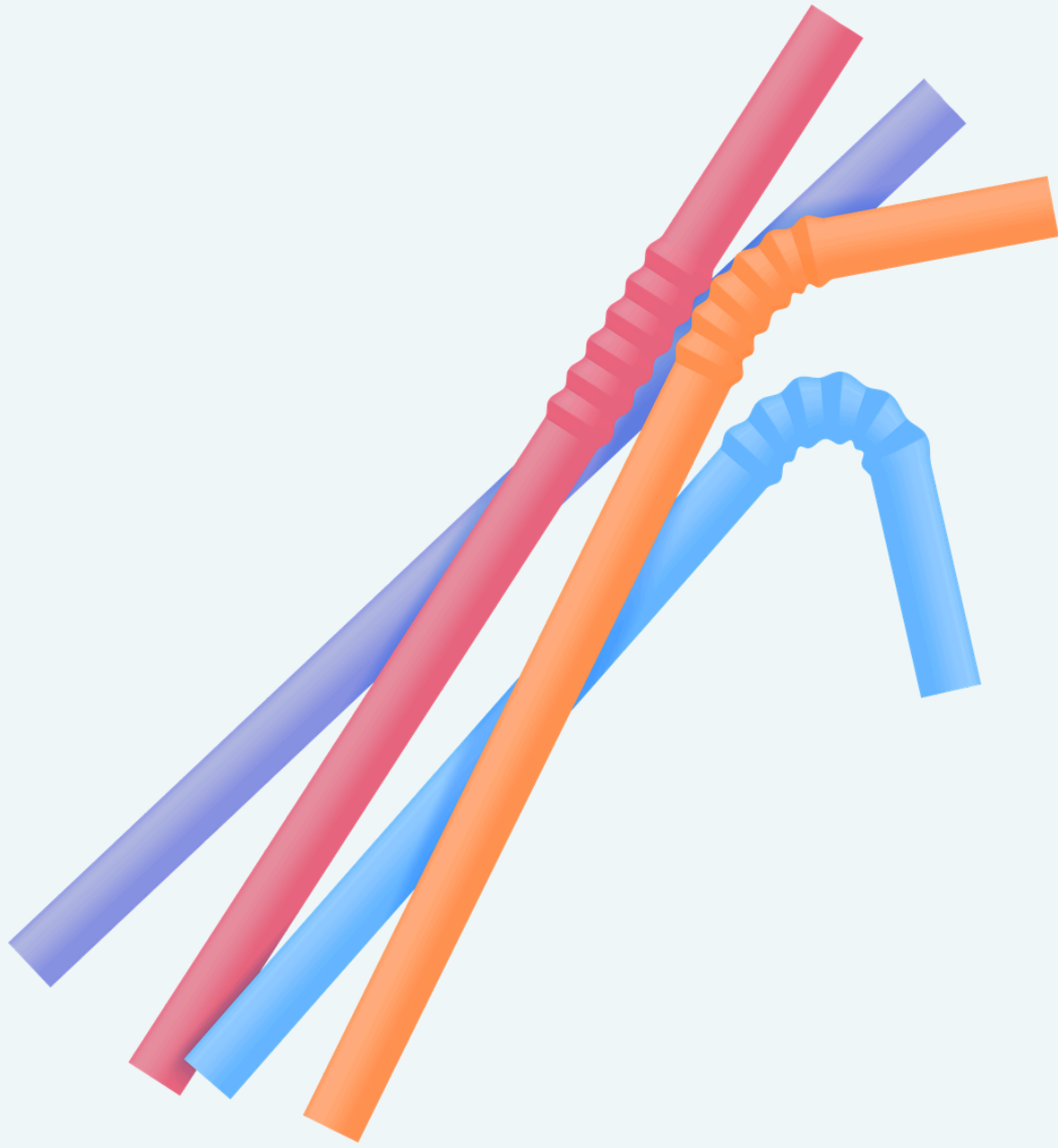
ペットボトル





Plastic Bag

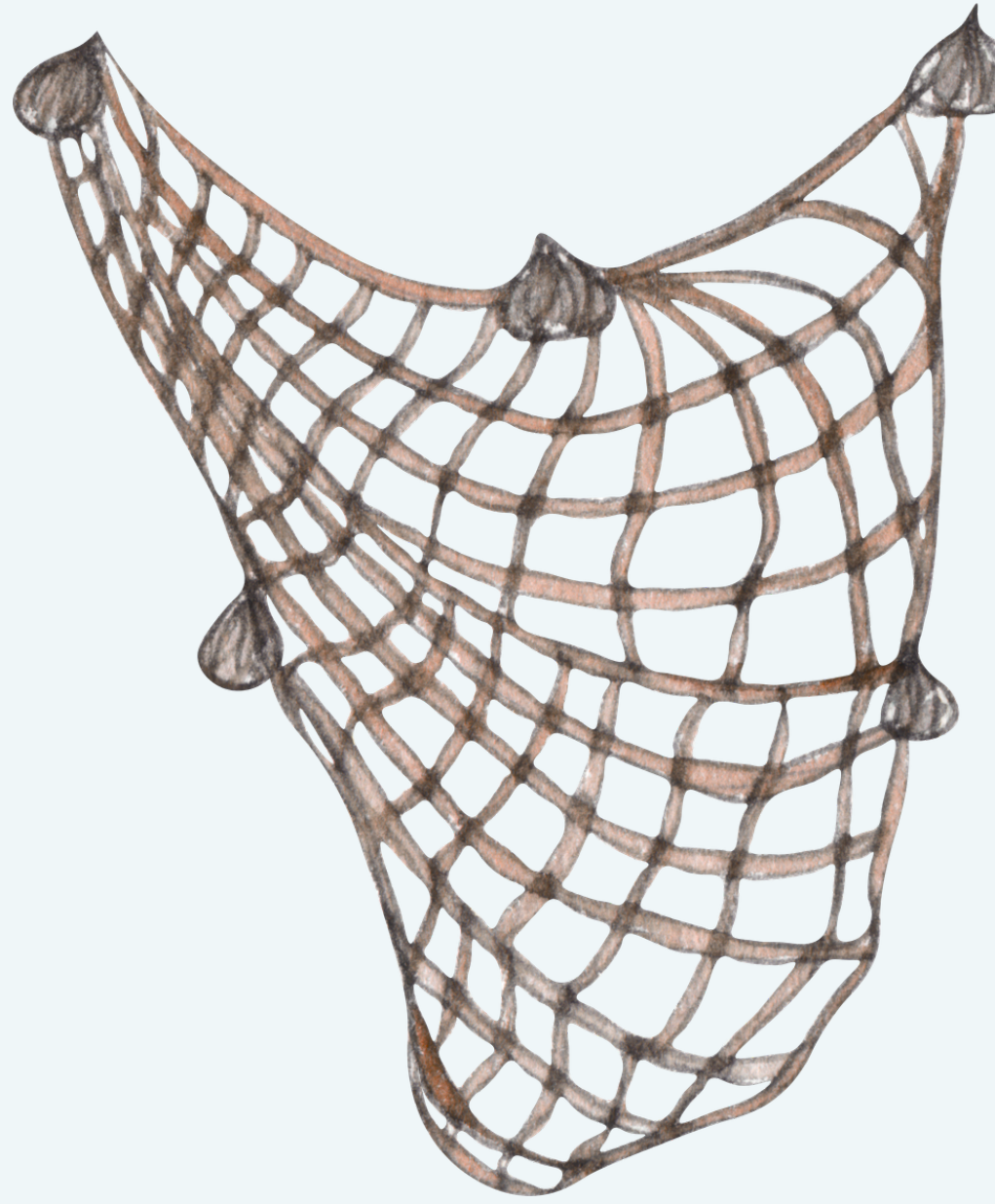
レジ袋





Plastic Straws

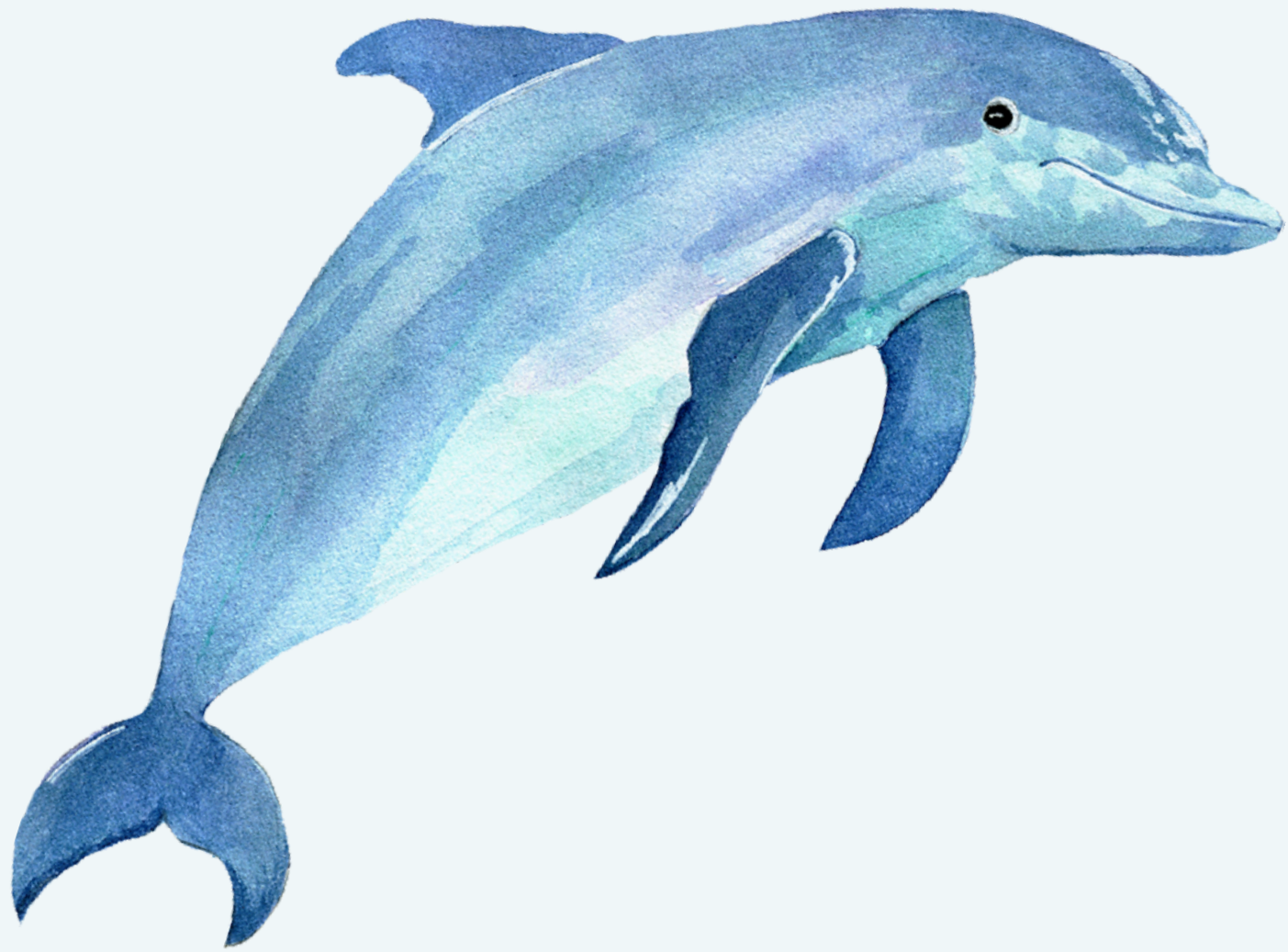
プラスチックストロー





Fishing Net

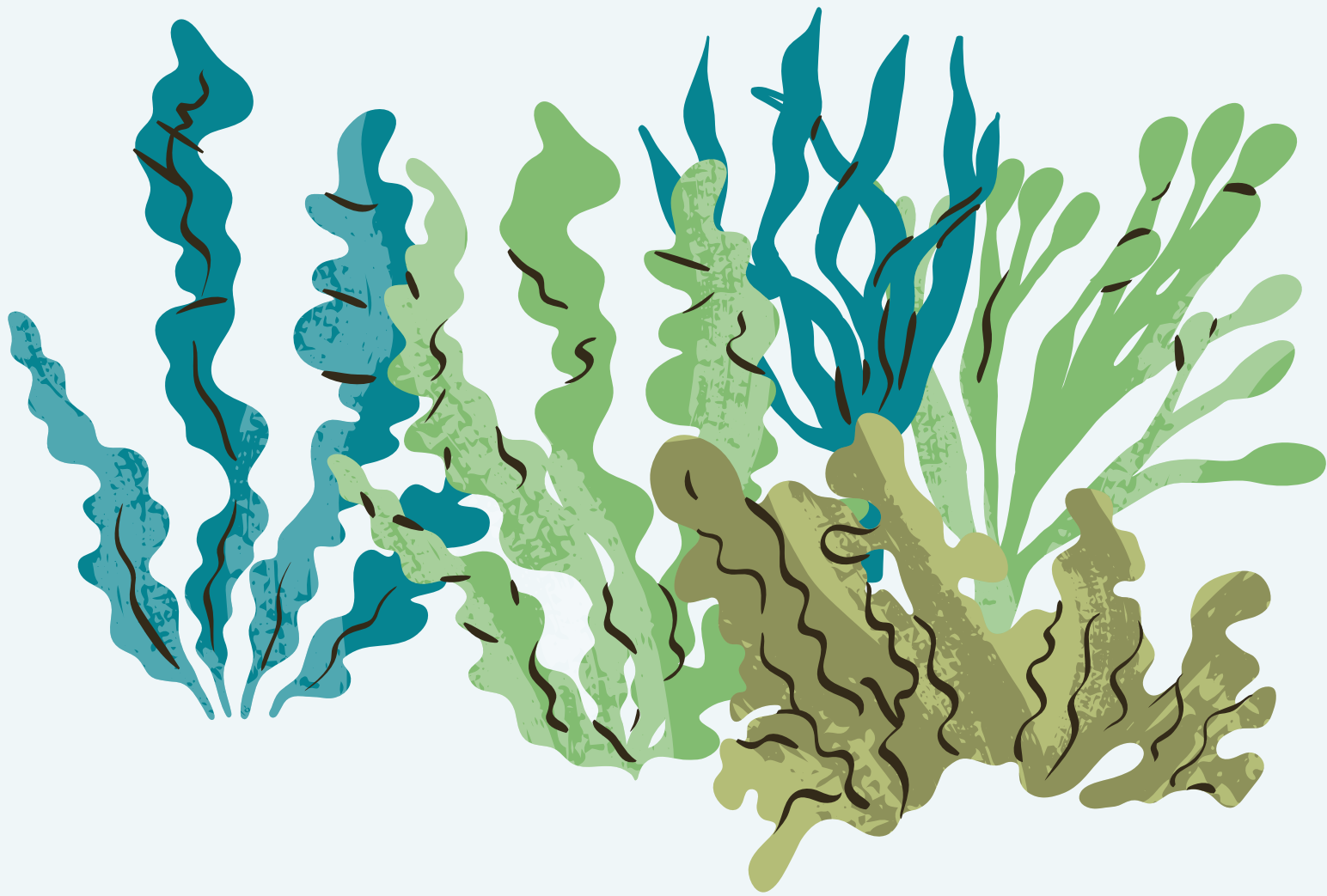
漁網



Dolphin

イルカ

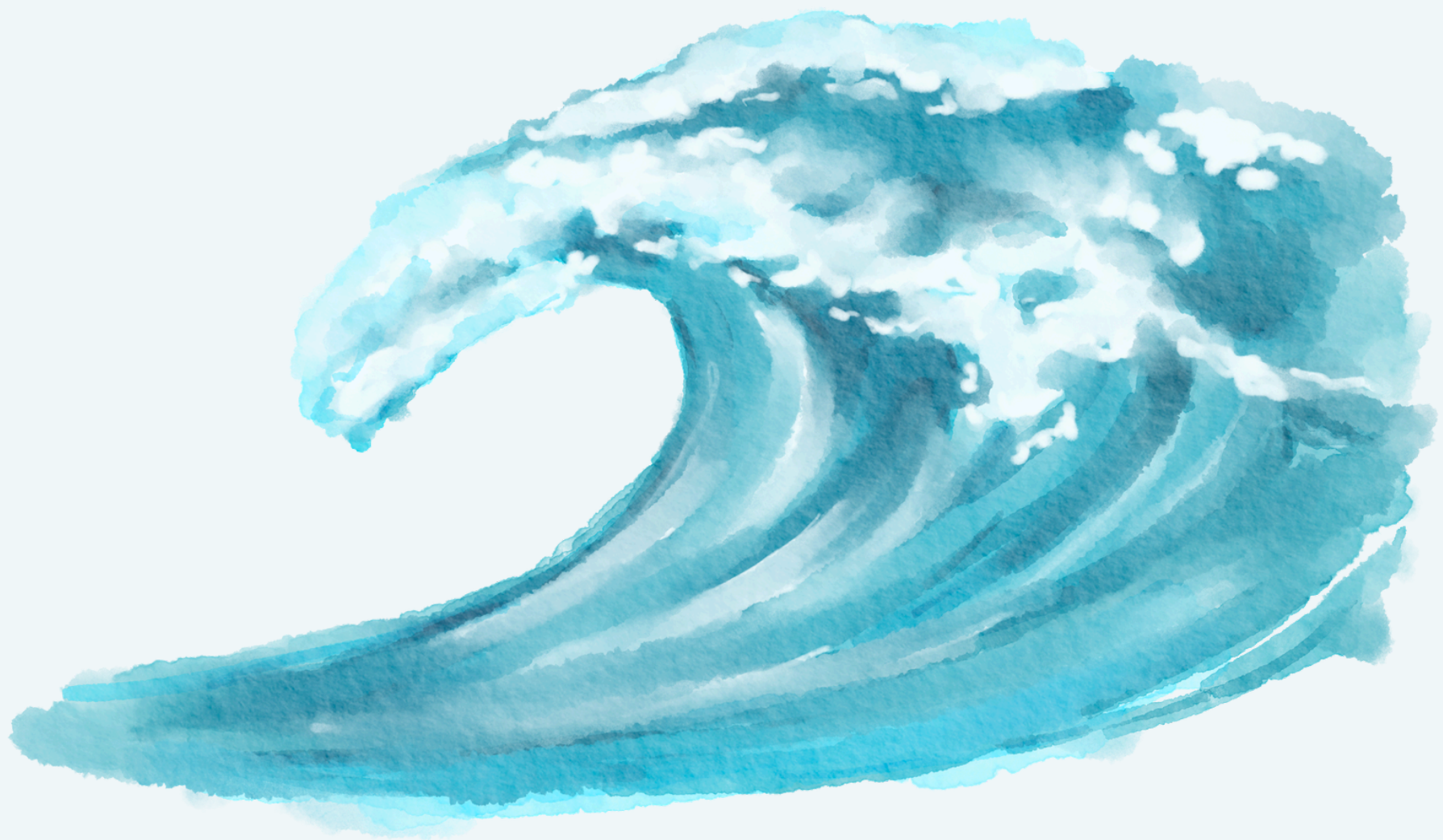




Seaweed

海藻





Ocean 海

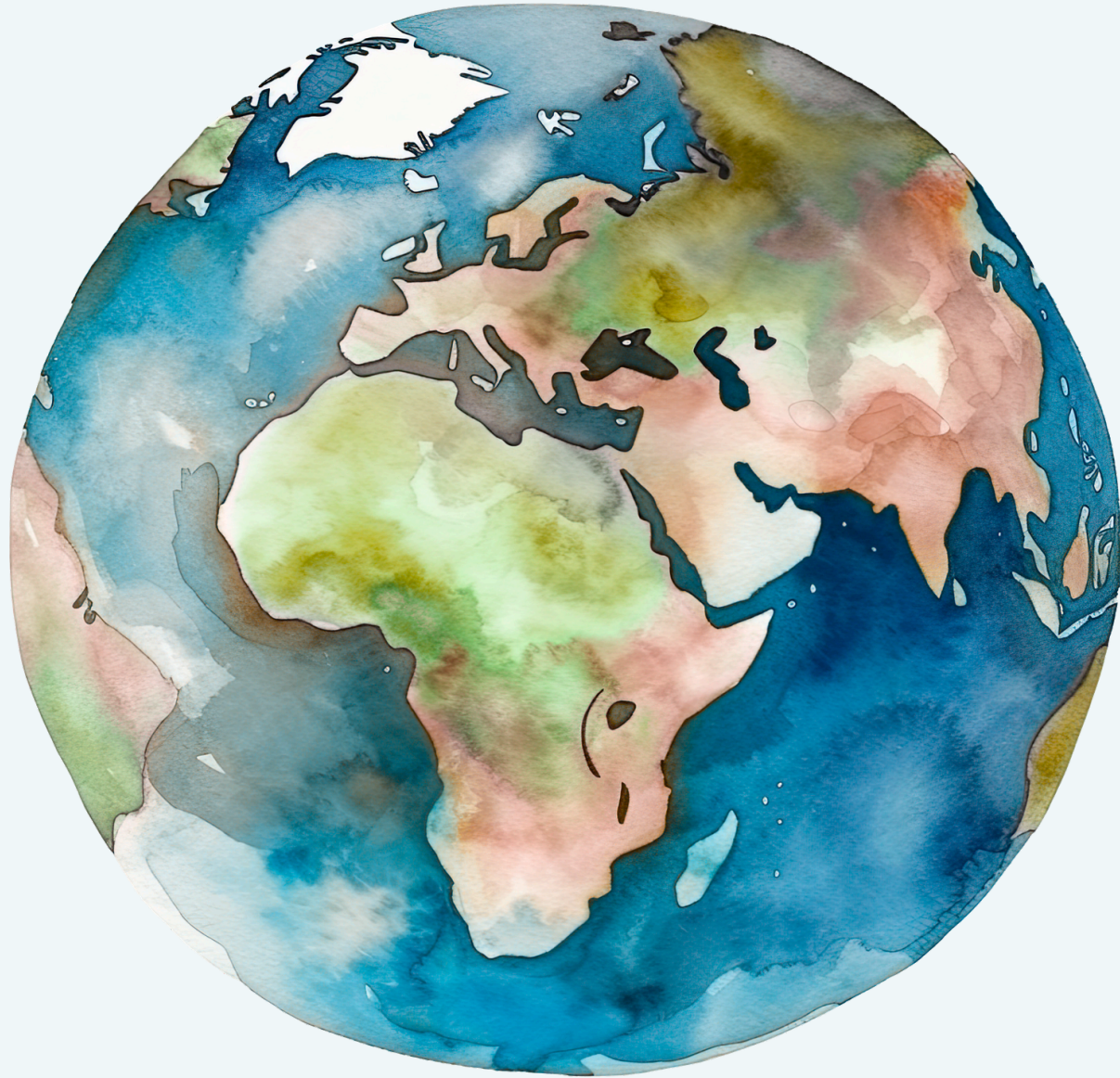




Fishing

漁業





Earth 地球





The background of the image is a light blue gradient. At the bottom, there is a decorative border of watercolor coral reefs in various colors including green, blue, red, and yellow. The coral is rendered in a soft, painterly style with visible brushstrokes.

Fishes

魚



Octopus

タコ

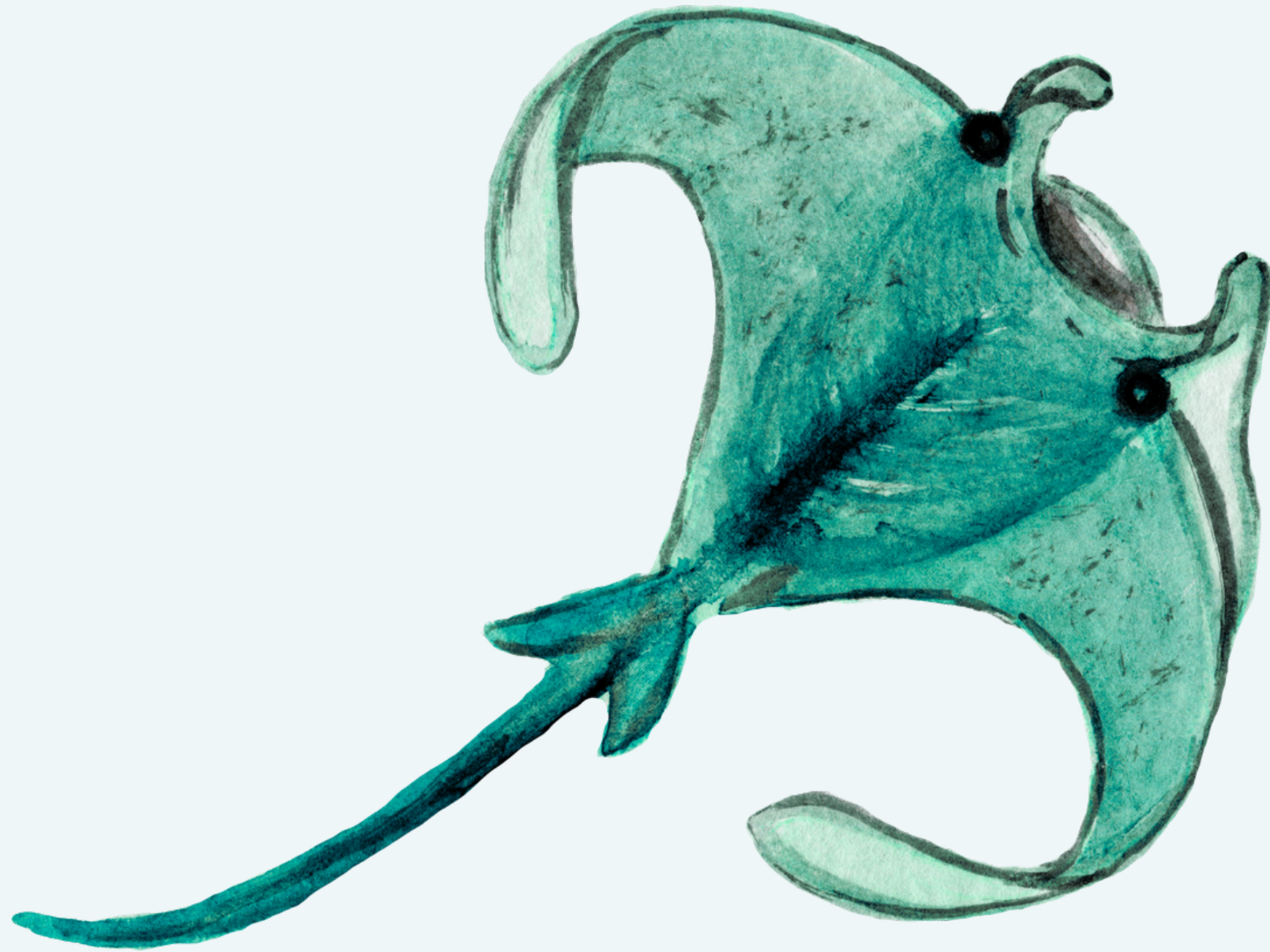




A decorative border of watercolor coral in various colors (red, green, blue, purple, orange) surrounds the central text.

Drinking water

飲料水



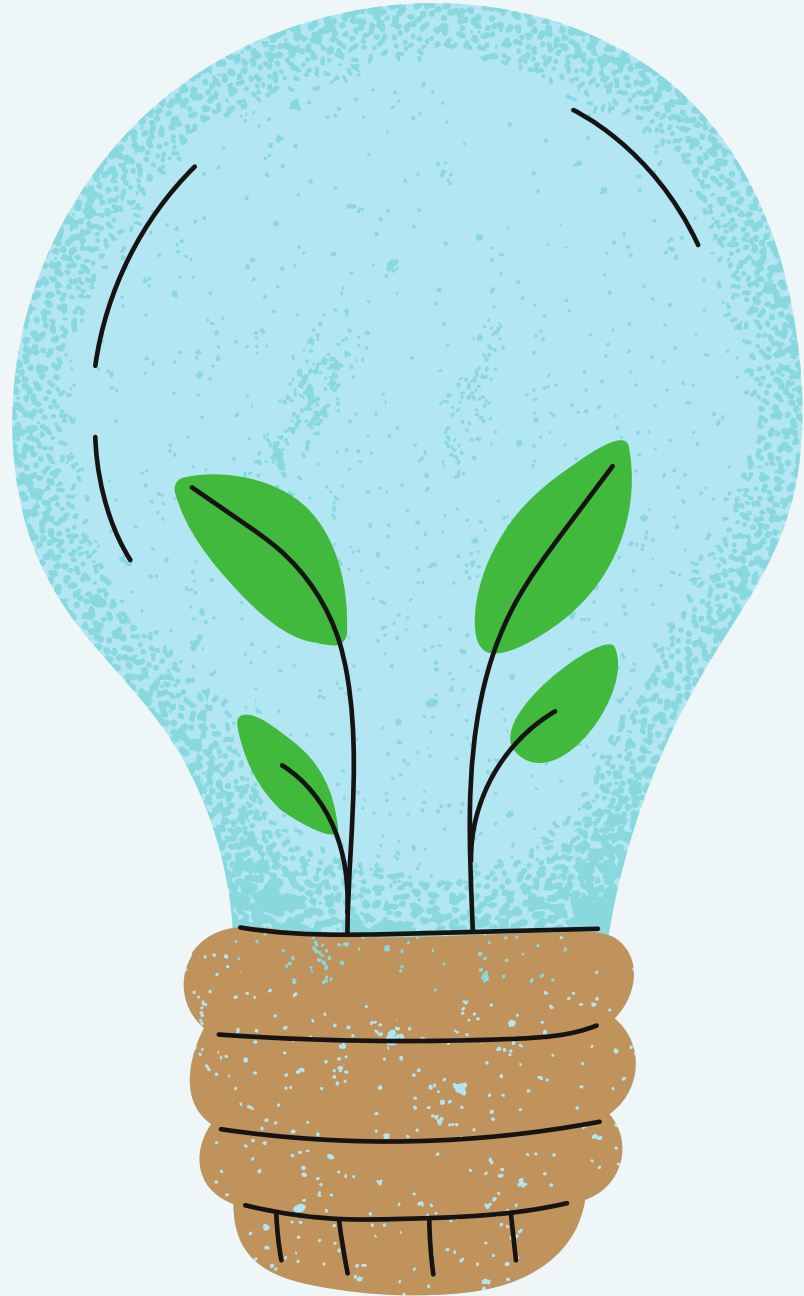


Stingray

エイ

The background is a deep blue gradient. In the upper left, there is a school of fish represented by dark blue silhouettes. On the right side, there is a large, dark blue rock formation with white icicles hanging from its top edge. In the bottom right corner, a bright red crab is positioned on a dark blue rock. The text 'Twilight Zone' and '中深層' is centered in the middle of the image.

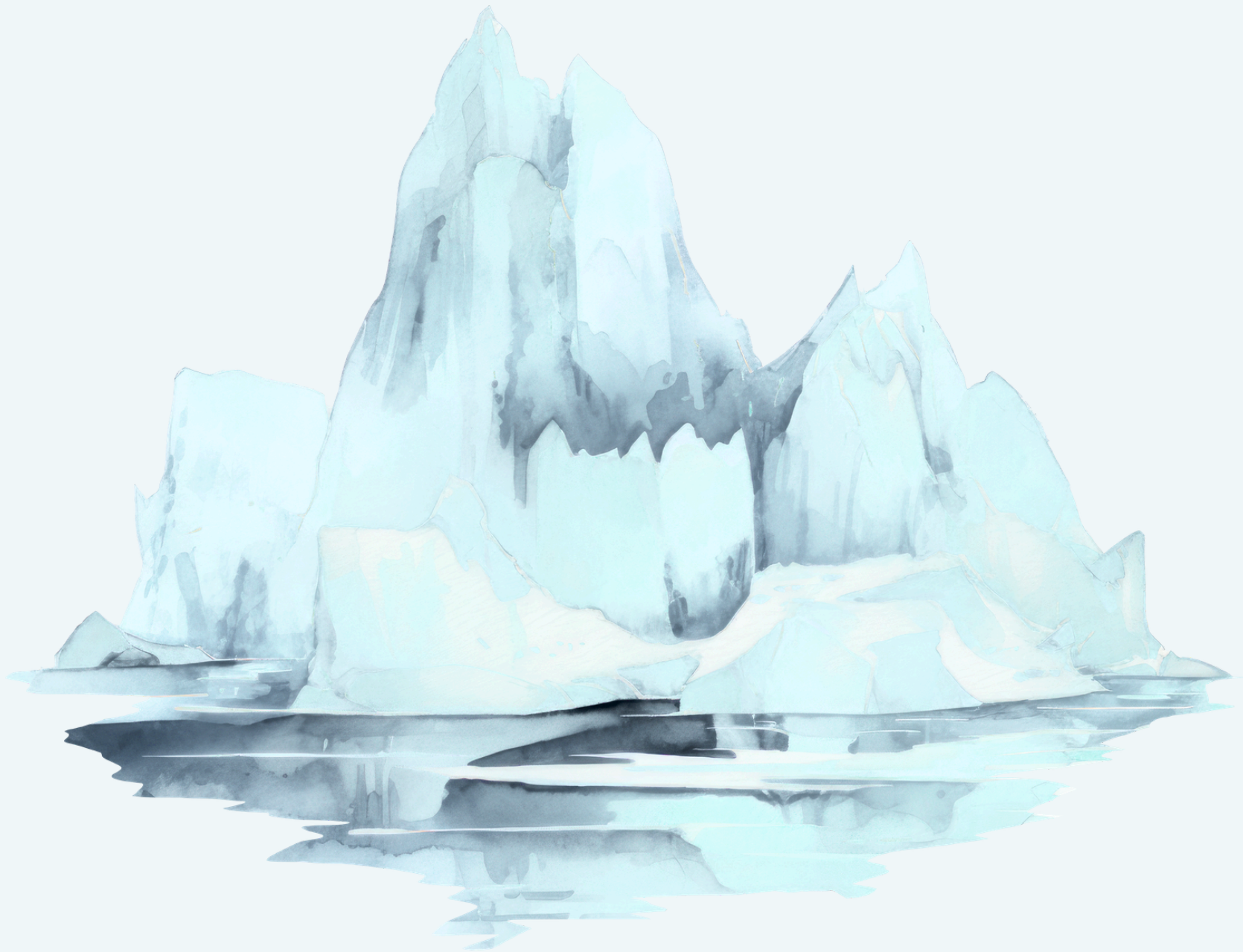
Twilight Zone
中深層





Conservation

保護



The background features a stylized, low-poly illustration of ice formations in various shades of blue. On the right, a large, jagged ice formation with icicles hanging from its top edge dominates the scene. On the left, another smaller ice formation is visible. In the lower right, there are more ice structures, including what appears to be a small ice cave or a deep crevasse. The overall aesthetic is clean and modern, using a monochromatic blue color palette.

Ice Glaciers

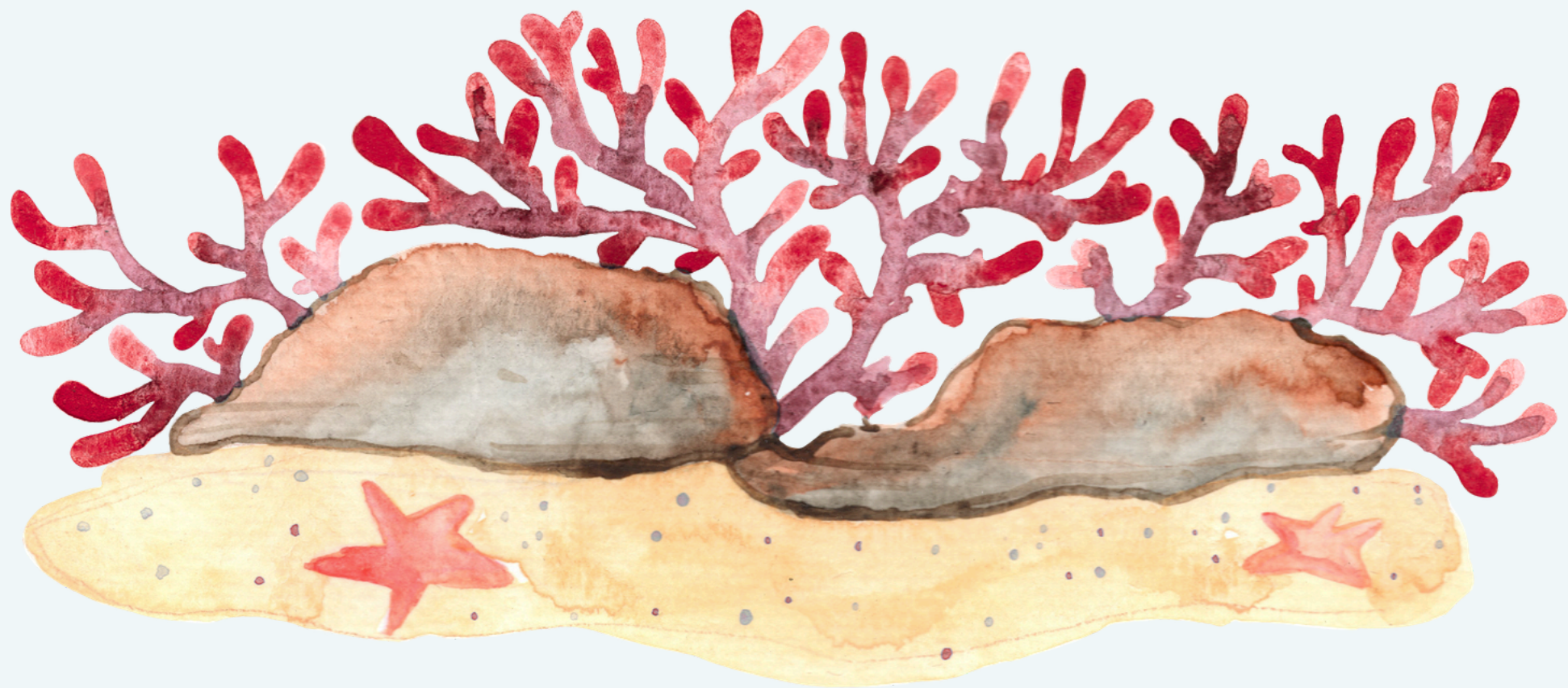
冰河





Water Dam

ダム





Habitat

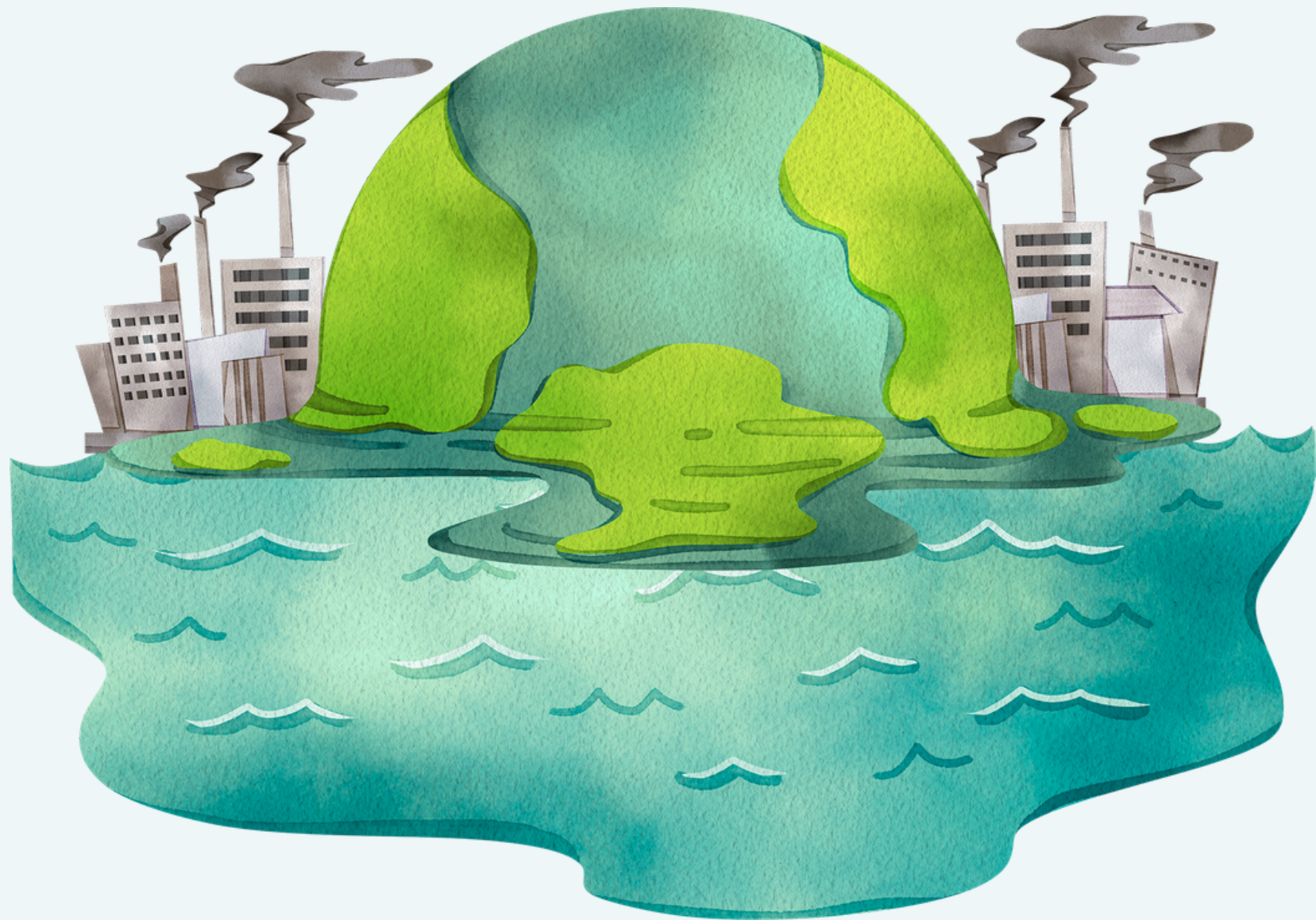
生息地



HELP!



Climate change
環境變動





Pollution

公害



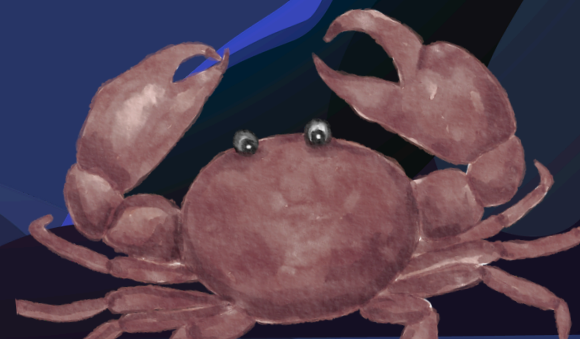
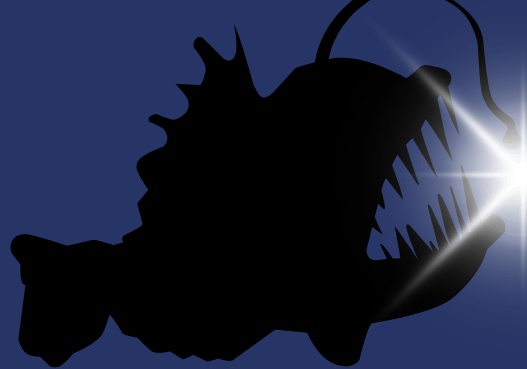
Algae

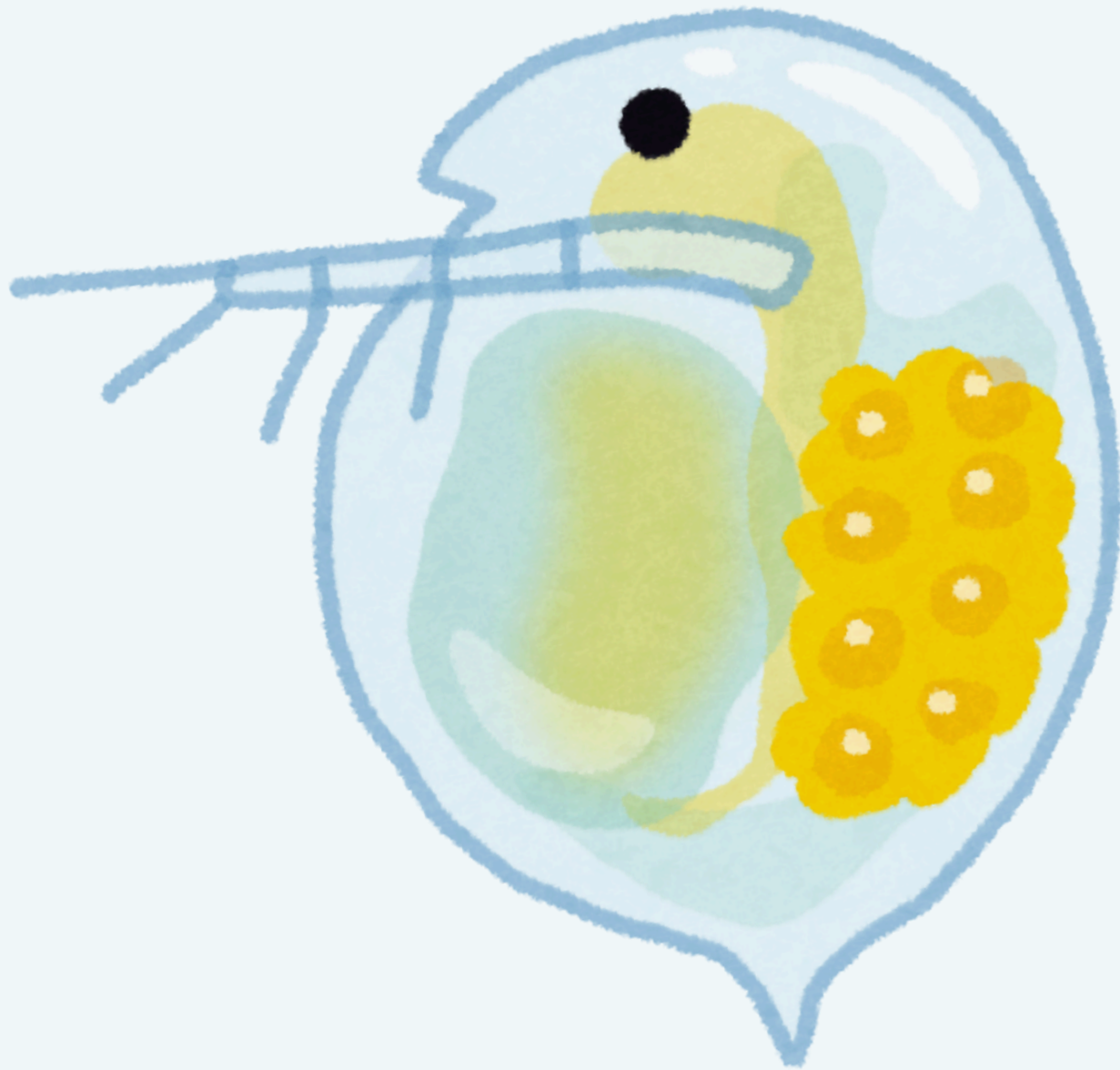
藻



Midnight Zone

漸深層

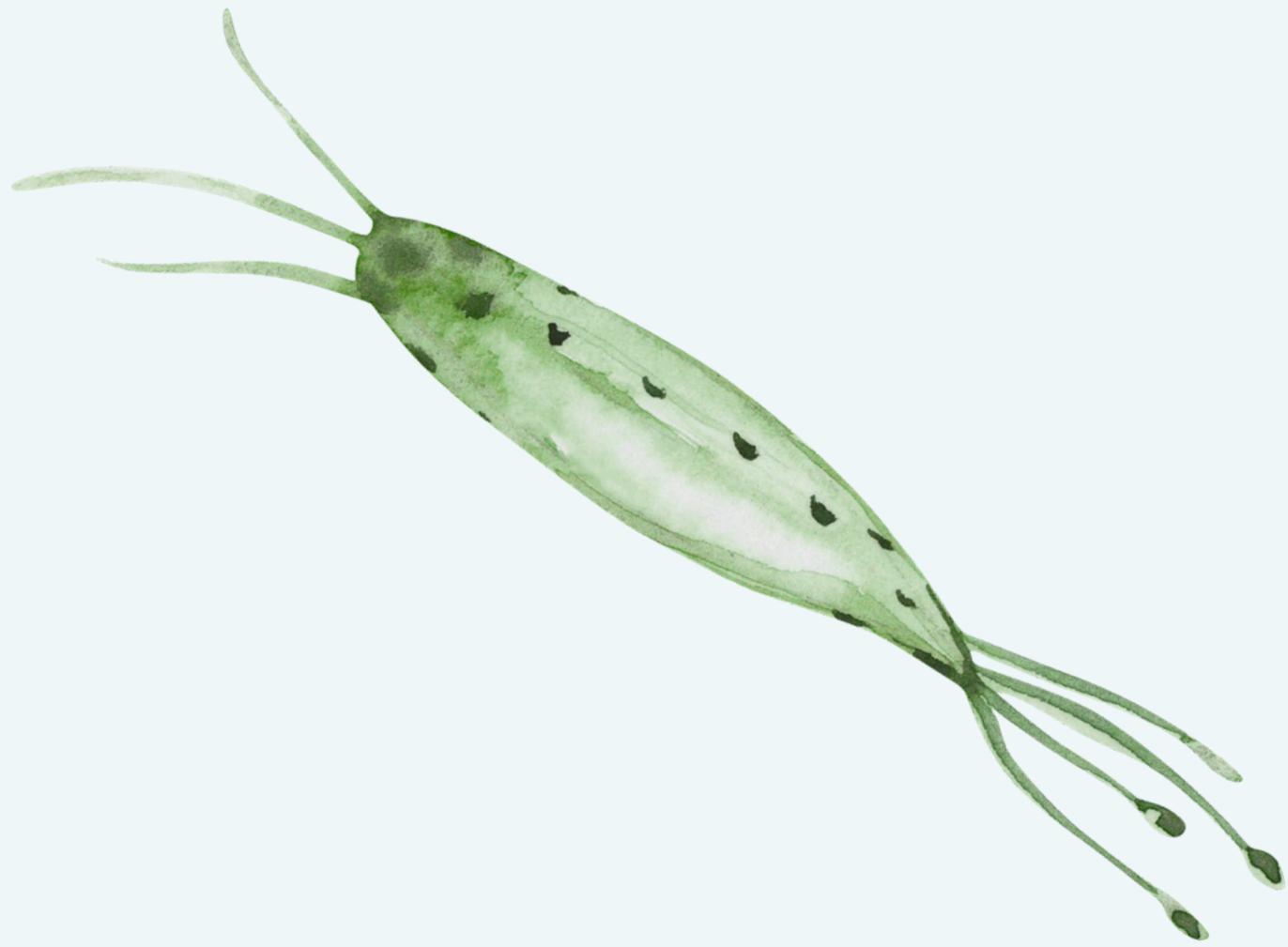






Zooplankton

動物プランクトン




The background features a dark blue, stylized illustration of an underwater scene. On the left, several dark, pointed shapes resemble hanging stalactites or ice formations. In the upper center, a black silhouette of a fish with its mouth wide open is shown, with a bright, multi-pointed starburst of light emanating from its mouth. The right side of the image shows a large, dark, rounded shape that could be a rock or a large piece of coral. The overall color palette is dominated by various shades of blue and black, creating a mysterious and deep-sea atmosphere.

Phytoplankton

植物プランクトン

What **percentage** of
Earth's **surface** is **ocean**?
地球の何パーセントが海？



About 71%
約71%

**Where is the deepest
part of the ocean?**

海が一番深い地点は？



The Mariana Trench

マリアナ海溝

What do we call when
we catch **too** many fish?

魚を捕り過ぎることを何て言う？



Overfishing

乱獲



The background features a dark blue and black illustration of a cave interior. On the left, several stalactites hang from the ceiling. On the right, a jagged opening represents a cave entrance, leading to a lighter blue area that suggests an outdoor environment. The overall style is graphic and atmospheric.

Carbon Footprint

カーボンフットプリント

**What are the three R's
of sustainability?**

持続可能性の三つのRは？



**Reduce, Reuse,
Recycle**

抑制 (Reduce)、再利用
(Reuse)、再生 (Recycle)

Abyss Zone

深海帶

**Otters and starfish
are examples of ...**

カワウソやヒトデは...

Keystone Species

中樞種

Bibliography

- Blueoceansociety.org. (2019). Creature Feature: Sea Stars – Blue Ocean Society for Marine Conservation. [online] Available at: <https://www.blueoceansociety.org/blog/creature-feature-sea-stars/> [Accessed 10 Apr. 2026].
- GWP Group. (2023). What are the 3Rs (for the environment)? Reduce, reuse, recycle. [online] Available at: <https://www.gwp.co.uk/guides/what-are-the-3rs/> [Accessed 10 Apr. 2026].
- Magazine, B.W. (2025). How deep is the deepest part of the ocean? [online] Discover Wildlife. Available at: <https://www.discoverwildlife.com/animal-facts/marine-animals/whats-the-deepest-part-of-the-ocean> [Accessed 10 Apr. 2026].
- Nps.gov. (2016). A Keystone Species, the Sea Otter, Colonizes Glacier Bay - Glacier Bay National Park & Preserve (U.S. National Park Service). [online] Available at: <https://www.nps.gov/glba/blogs/a-keystone-species-the-sea-otter-colonizes-glacier-bay.htm> [Accessed 10 Apr. 2026].
- USGS. (2018). How Much Water is There on Earth? [online] Available at: <https://www.usgs.gov/water-science-school/science/how-much-water-there-earth> [Accessed 10 Apr. 2026].
- World Wildlife Fund. (2026). Overfishing. [online] Available at: <https://www.worldwildlife.org/our-work/oceans/sustainable-seafood/wild-caught-seafood/overfishing/> [Accessed 10 Apr. 2026].

Made by:
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Romerawin Suntaranond
Charisa Howe

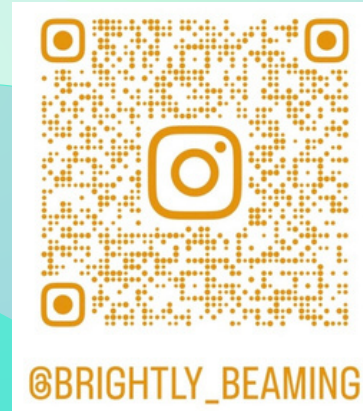
Translated by:
Takahiro Tanabe





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