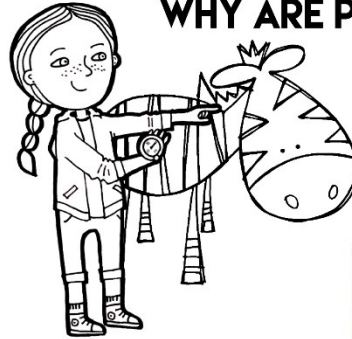


PATTERNS & SHAPES IN NATURE



WHY ARE PATTERNS USEFUL?



Stripes – Fingerprints

The stripes of the zebras are a unique pattern to each individual, just like fingerprints.

The stripes vary by the region where the zebras live. Some have heavy black and white striping over their entire body, while others have thinner and lighter stripes.



Facts

Most animals' hides help them to blend in with their surroundings, but zebras' black and white stripes do just the opposite against the backdrop of the African savanna. They stand out.

Several plausible theories have been suggested:

- Help animals recognize each other
- Repel insects
- Confuse predators
- Reduce body temperature
- Provide camouflage by creating an optical illusion

Zebra stripes may be dependent on the temperatures where they live.



Would a Zebra living in a warmer area have more stripes? Why? Or why not?

How can stripes repel insects?

Engaging & Challenging Activities

WHAT IS INCLUDED

What is Pattern? Spirals, Spots & Stripes

What is Symmetry?

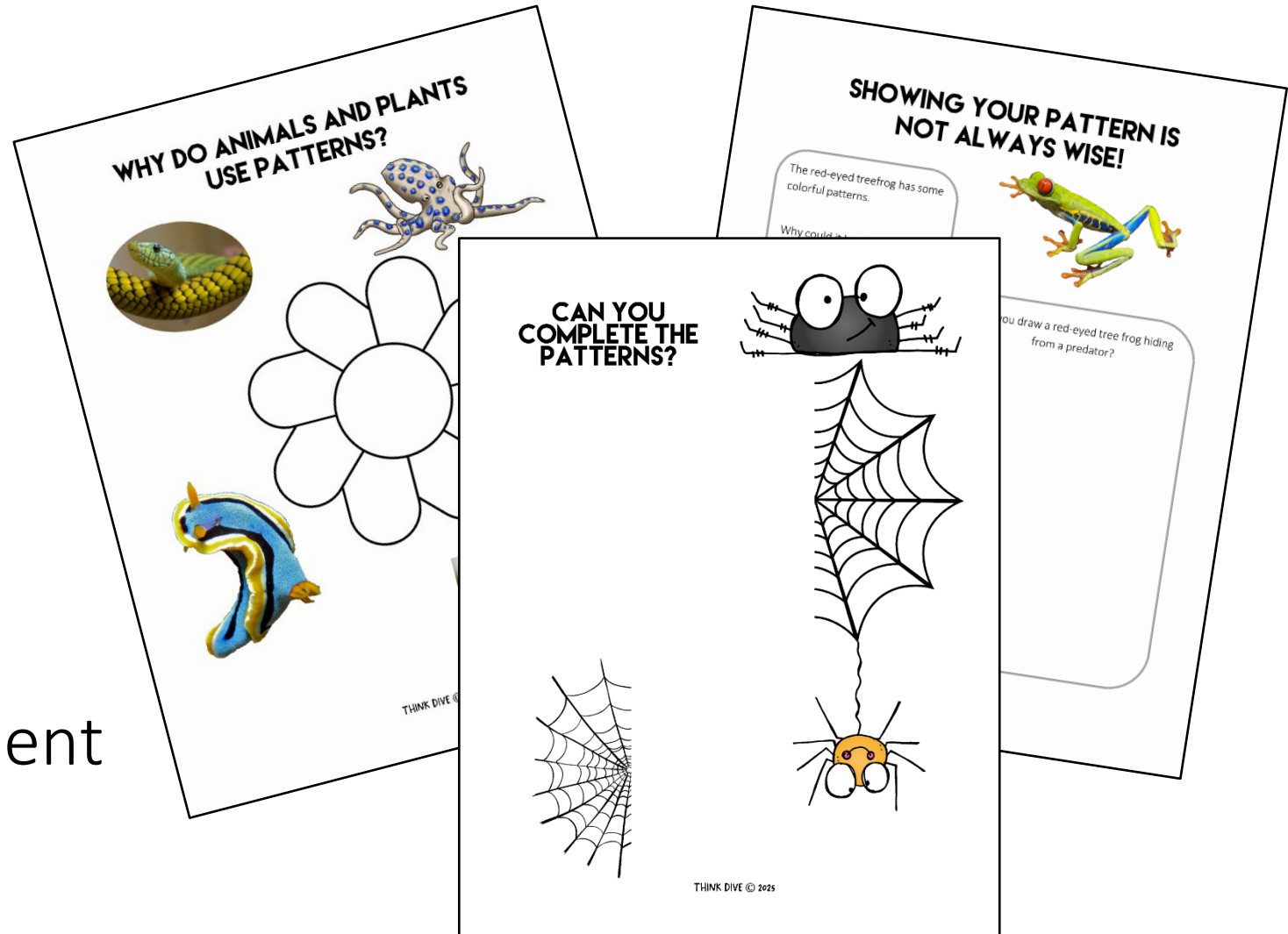
Why do animals & plants use pattern?

Nature pattern Art & Golden Rectangle



Ways to Use

- ❖ Nature Studies
- ❖ Math
- ❖ Art
- ❖ Centers
- ❖ Independent Work
- ❖ Creativity Challenges
- ❖ Distance Learning
- ❖ Easel Activities & Assessment included



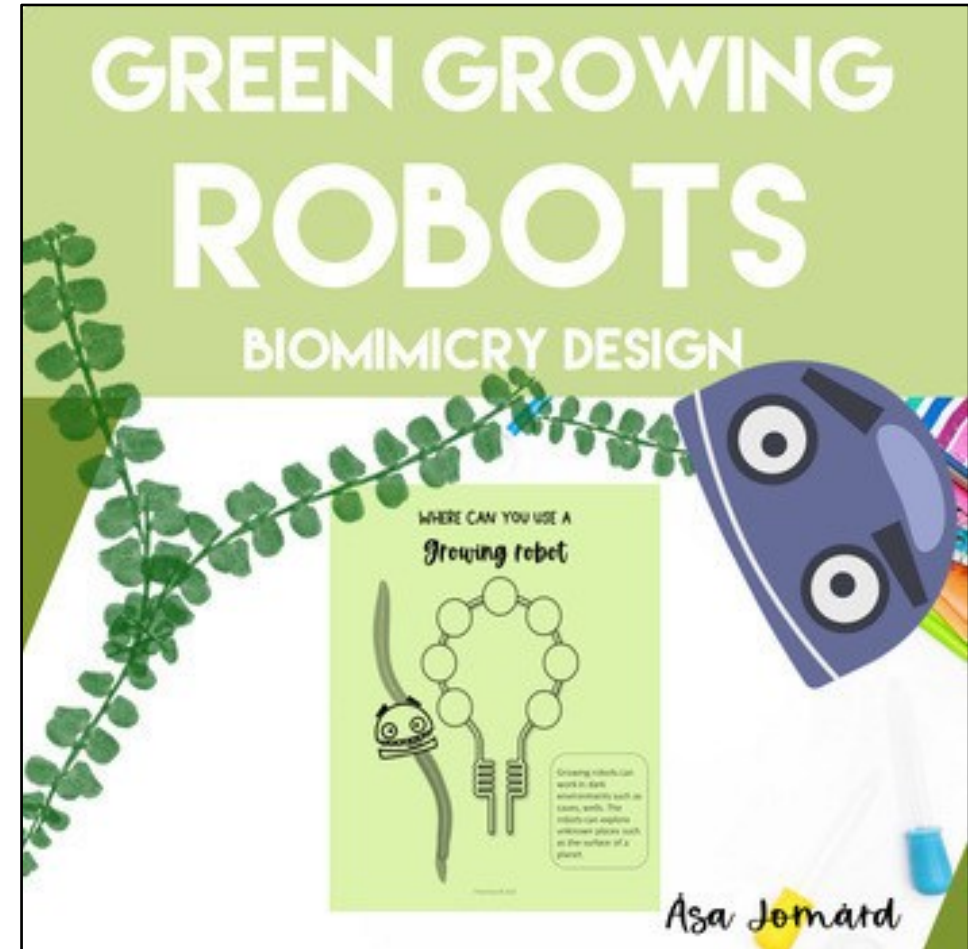
REVIEWS

“Fun and educational activity. The children enjoyed learning about and finding patterns in nature.”

“This was a fun and informative resource for my homeschoolers during their lesson on patterns in nature. It was engaging and allowed them to be creative, which is always a good thing. Thank you!”

“When things are done well, it makes learning and teaching so much better for all. Thank you!”

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