

BIO-INDICATORS: TIE-DYED FROGS (K-2)

The SCIENCE of BIO-INDICATORS:

Frogs are **amphibians**. They are cold blooded, but are not reptiles.



Bio-indicators are animals that help scientists watch out for problems in the environment.

Problems in an ecosystem are often caused by trash and pollution.



READ:

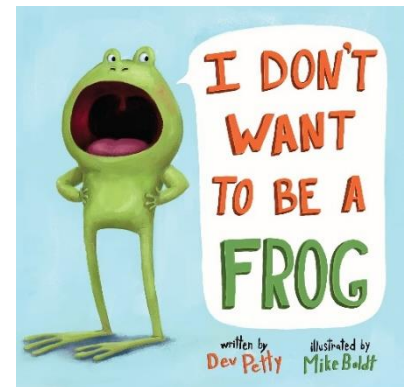
[I Don't Want to be a Frog](#) by Dev Petty

- If you could be an animal, what kind would you be and why? Don't have this book at home? You can also check it out [online](#).

ACTIVITY: TIE-DYED FROGS

Materials: water, spray bottle, paper, washable markers, origami frog instructions, paper towel, plate

1. Fold 1 sheet of paper in half and tear or cut it (makes 2 frogs)
2. Follow origami frog instructions (below)
3. Decorate 'frog' with stripes, spots – the more colors the better!
4. Place the 'frog' on a plate
5. Frogs need to live in water, so spray your 'frog' with a mist of water (no need to soak it)
6. Watch the colors run to make a tie-dyed frog
7. Let it dry so it can hop once again!



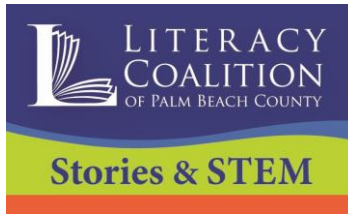
What is happening? Frogs absorb items through their wet skin – even bad things like pollution. These things permanently change the frog. Remember that when looking at your colorful frog.

The Florida Museum has a variety of [frog sounds](#) you can listen to at home!

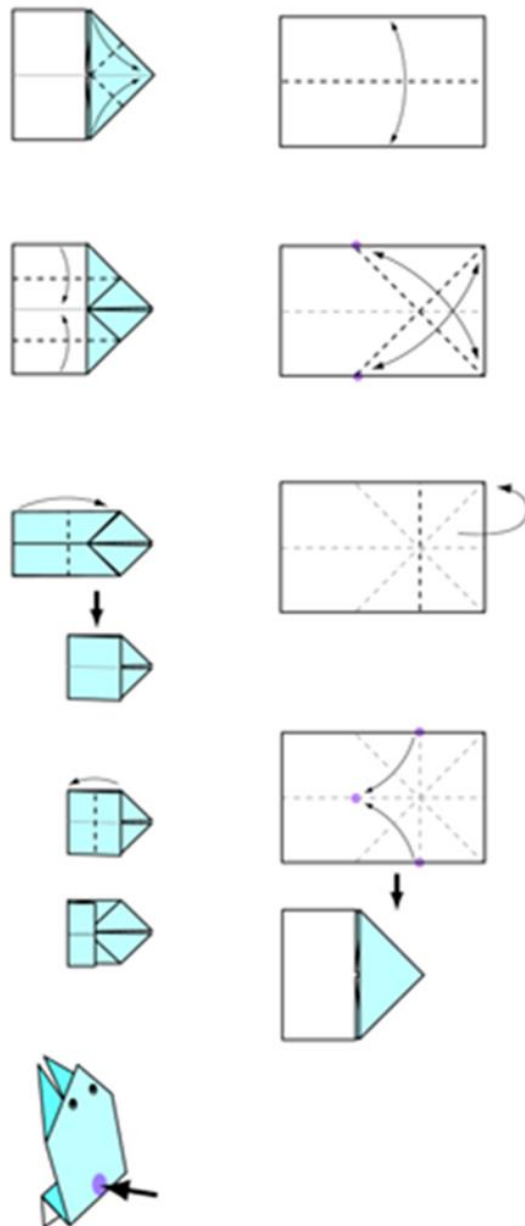
For step-by-step instructions, watch the video: [Origami Frog STEM Activity](#)

This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.

Having fun? Send pictures or video links of you and your Stories & STEM projects to csharkey@literacyabc.org



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EASY HOPPING FROG ORIGAMI

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