



ORIGAMI MATH FOR GRADE 3

Kuniko

A native of Japan, Kuniko Yamamoto received her Bachelor of Psychology from Otani University of Kyoto, Japan in 1983, then started performing professionally in her hometown of Osaka where she grew up studying traditional dance, music and theater. Appeared at Epcot Disney, The Kennedy Center in Washington DC and National Storytelling Festival in the United States. Performed her Japanese Storytelling with Origami at more than 3,000 schools and theaters. Currently she runs her origami studio in Sarasota for events and workshops.

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OVERVIEW

Students will try Origami, the art of paper folding and learn fraction. In this hands-on **RECORDED VIDEO**, students will identify $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{8}$ and more to practice concepts in Origami/paper-folding action.

Teachers can use this lesson to recap basic geometry. In a fun setting students will fold notebook paper into a variety of shapes and create origami house-Piano-Wallet-Puppet by following Kuniko's origami instruction.



FLORIDA STANDARDS CONNECTION

MAFS.3.NF.1.1. Understand a fraction $\frac{1}{b}$ as the quantity formed by 1 part..

MAFS.3.G.1.1

Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four...

GOALS

- students will fold simple origami design of a House that folds into a piano, which folds into a wallet/hat/puppet.
- Students will fold a rectangle shape paper into a square by identifying attributes of triangle, square, pentagon and trapezoid.
- Students will fold $\frac{2}{1}$ into $\frac{1}{4}$ and unfold to identify $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$.
- Students will fold to generate simple equivalent fractions

KEYWORDS

triangles, pentagons, hexagons, trapezoid, rectangle, side, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}=\frac{1}{2}$

POST VIDEO ACTIVITY

Draw and color their origami with markers and color pencils.

Fold more shapes and make it into a rocket, a boat, a dog, and a little ball.

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www.OrigamiAir.com