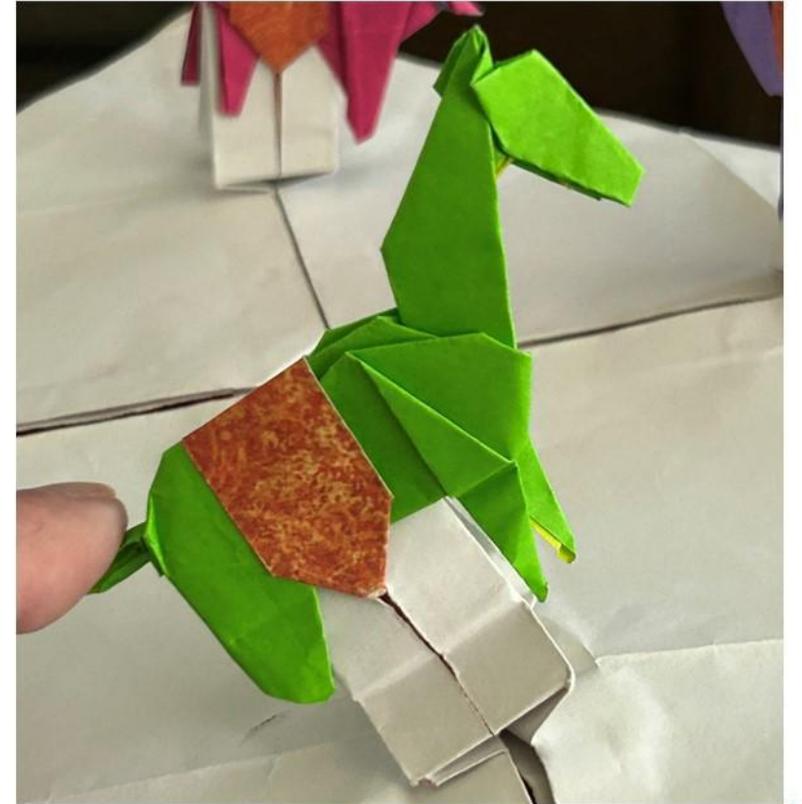
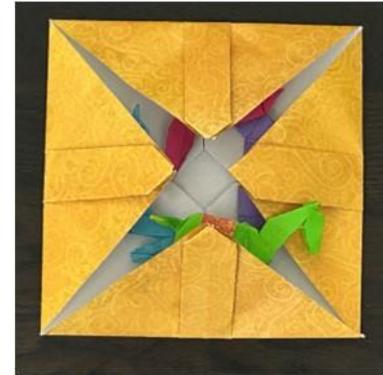
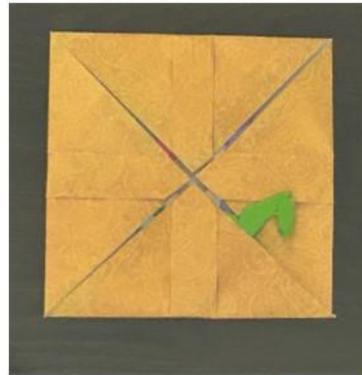
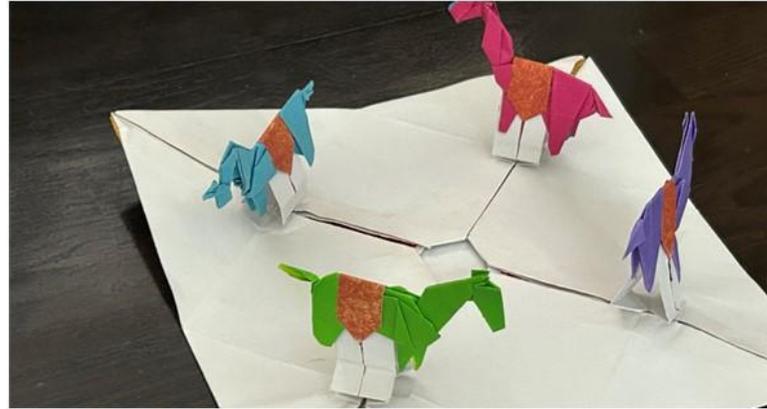
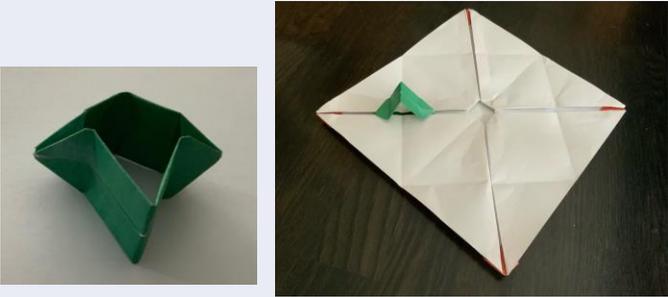
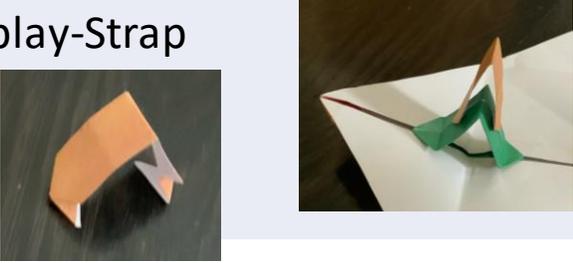


Improved Origami Pop-Up System

July 25, 2023



Origami Rocking, Pop-Up Merry go Round

Component	Functions	Unique Features
<p data-bbox="96 111 792 154">Pop-Up Card with Crossing Grooves</p> 	<ol data-bbox="894 111 1574 382" style="list-style-type: none"> 1. Capture pop-up Mechanisms 2. Protective layer for the origami creation inside 3. Opens and closes to raise and display origami creations 	<ol data-bbox="1689 111 2448 725" style="list-style-type: none"> 1. Can hold several separate mechanisms that pop-up in different directions. 2. Locks for mechanism on the center and ends for increased stability 3. Central pocket for swivel mechanism 4. Very easy to fold from one square 5. Can be used to protect and store and easily display origami creations of many different design.
<p data-bbox="96 758 766 801">Pop-Up Mechanisms with grooves</p> 	<ol data-bbox="894 758 1651 1143" style="list-style-type: none"> 1. Raises an origami display when the Pop-Up Card is opened 2. Provides a stand for either unmodified origami models or models specifically designed as pop-ups with tabs that attach in the grooves. 	<ol data-bbox="1689 758 2430 1143" style="list-style-type: none"> 1. Can be positioned and adjusted in any groove on the pop-up card. 2. Is easily folded from a single rectangle. 3. The pop-up display can be removed and replaced with a new display
<p data-bbox="96 1176 359 1219">Display-Strap</p> 	<ol data-bbox="894 1176 1625 1333" style="list-style-type: none"> 1. Wraps around an existing display and attach the display to the Pop-Up mechanism. 	<ol data-bbox="1689 1176 2405 1390" style="list-style-type: none"> 1. Works with exiting figurative and geometric origami models. 2. No modification required in the model displayed.

Alternative placements for different pop-up effects

The only requirement is to have a gully created by a fold in the pop-up card that passes underneath the pop-up mechanism

While these fold can be anywhere on the card, the folds shown here are perhaps the most logical for a pop-up are shown here but having said this, do not ignore other possibilities.

In addition, the grooves shown here are centered, but they do not need to be to create a pop-up

