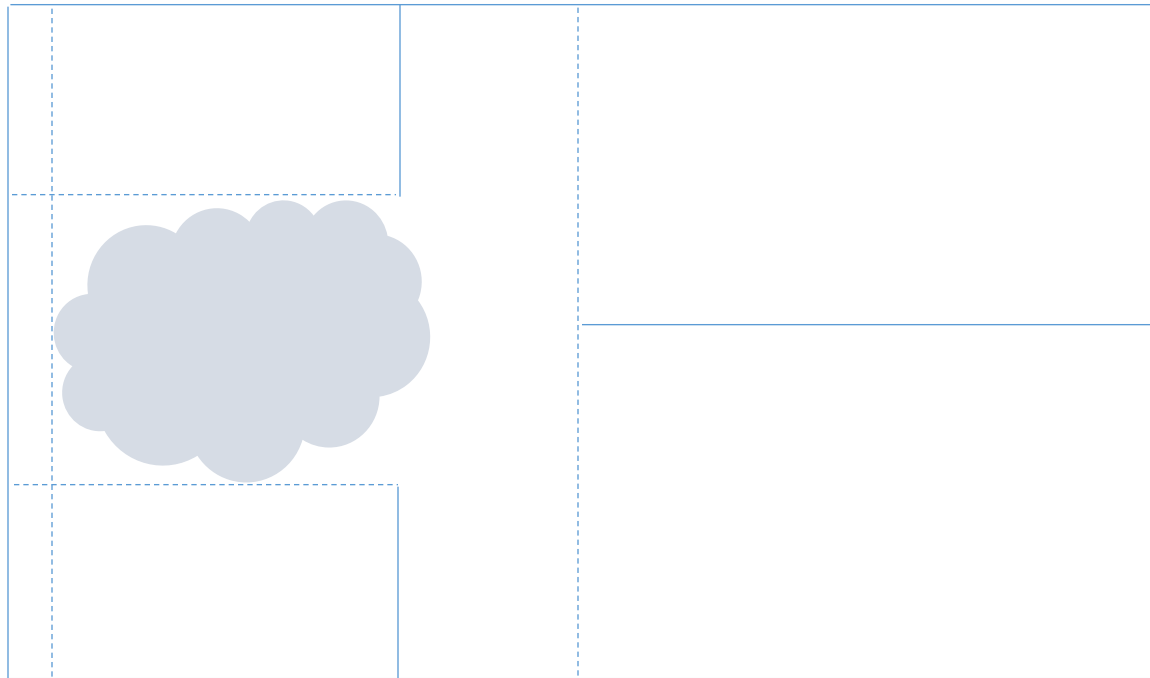




“Give Your Dreams Lift”

The beginning of a new year is the perfect occasion to focus on our dreams and strategize about ways to give them lift! In this week’s STEM activity, we encourage you to think about something you would like to accomplish and to write it at the center of a “whirligig”. Once your whirligig is ready for a test flight, let’s see what modifications you can make so your dream can achieve the greatest lift possible!



INSTRUCTIONS

1. Write (or draw) your goal or dream inside the cloud. Decorate your whirly gig before folding it.
2. Cut out the whirligig along all the solid lines.
3. Fold the paper on the dotted lines.
4. Bend one blade towards you and one blade away from you.
5. Fold the bottom of the whirlygig up and attach a paper clip to the bottom.
6. Hold the whirly gig by the paper clip as high as you can and let it drop to the ground (you can also try throwing it like a baseball, make sure to hold it by the paper clip.)

You can place your whirligig over a fan to see how high you can make it fly!

Try making some changes to your design like creating longer, wider, or twisted blades. Add or remove weight at the bottom and see how these changes affect the way your whirligig flies.

