

STEM Learning with Dotty's Place

What's New at Dotty's Place?

This winter, we've been busy preparing fresh new ways to bring STEM learning to your home, classroom, or community space! Whether you're a parent, teacher, or homeschooler, the STEM Learning Page on our website is packed with helpful ideas that change with the season.

In November and December, we focused on Fine Motor Skills and how they help young learners build strong foundations for creativity and critical thinking. Now in January and February, we're digging into the theme of Tinkering and STEM Play, with hands-on ideas for organizing makerspaces and encouraging exploration.

We've also been testing and building new products, labeling resources, and printable kits you can use right away. Our goal is to eventually include STEM kits, book-based lessons, and other online educational resources. Visit the STEM Learning Page: dottysplace.org/stemlearning



Spotlight: Tinker Stations for Little Hands

One of the most exciting additions this season is our new Tinker Station resources! These open-ended materials help kids build, explore, and fail forward — just like real engineers.

Whether you're using recycled containers, plastic gears, or loose parts from around the house, our labels, tips, and starter guides make it easy to create a space where curiosity thrives. Watch for our upcoming free downloads and companion articles in February.

★ **Pro Tip:** Label your bins with fun names like “Things That Stick” or “Wiggly Wonders” Kids LOVE it!

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STEM Learning Page Topics So Far

Here's a peek at the topics we've been exploring on the STEM Learning Page:

**December-
Fine Motor Skills**

**What You'll
Find**

Description

Articles

Tips, strategies, and teacher-tested ideas related to the monthly theme

**January-
Innovation for
Young learners**

Online
Activities

Interactive learning tools and games to support STEM concepts

**February-
Writing to Make
Meaning.**

Downloadable
Pages

Printables, templates, and activities you can use immediately

**Each month is a fresh
topic—come back
often to explore new
ideas!**

Classroom or
Home Ideas

Simple ways to apply the theme with kids

Winter Puzzle Time: Snowflake STEM Challenge!

How many different snowflakes can you design using only:

3 triangles

2 circles

1 rectangle

And any number of lines or dots?

Use construction paper, chalk, or blocks. Get creative! Then count how many unique designs you and your kids can build. Don't forget to name your favorites!

Share your results on our Facebook page (<https://www.facebook.com/dottysplaceAZ>)



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