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marshmallows and toothpicks for this STEM activity. Challenge children to create a home for a polar bear using a few simple materials. You will be amazed by what they can come up with. For full activity click [here](#).Who doesn't love a good snowball fight? This winter bring the fun of the outdoors inside with this Free Winter STEM challenge. Create a catapult using simple materials and send a 'snowball' flying through the air.Use a few, creative, materials to challenge children to create a snowman. Using apples and oranges adds to the challenge and the learning, as they roll and the snowman falls. Click for full activity.How tall can you make your snowman? Challenge children of all ages to create the tallest snowman using a few simple materials. Add to the challenge by requiring the snowman to stand! Click [here](#) for full activity,Make a snow fort indoors with this winter STEM activity for kids. Use a few materials, your imagination and lots of hands-on exploration!My kids would quickly turn this craft into a STEM challenge. Create this adorable pom pom popper and kids can challenge each other to pop the pom pom the furthest. Children can alter their design as they play to get the furthest distance. Click [here](#) for full activity.Looking for some quick and easy winter STEM activities? These free activity cards are perfect to print and have on hand in the classroom or home. Click [here](#) to read more.Math is often an easy skill to work into your winter STEM activities and can be added very naturally by measuring creations or working with numbers. Make math fun with this hands-on math activity. Children create their own snowman as they roll the dice. A FREE printable is also available for the activity. Click [here](#) for full activity description and worksheet.Keep the learning happening during the holidays with these FREE Christmas Math Worksheets and games. All worksheets are designed with early learners in mind! Click for more information.Add some math to the melting snowman in a jar experiment. Children learn about the changes in the states of matter from snow to water and the volume each takes up. Click [here](#) for full activity.This hands-on math lesson involves creating beautiful, symmetrical snowflakes. Printable worksheet available. Click for full activity description.Many of the activities included in this collection of Winter STEM Activities can be downloaded from Hands-On Teaching Ideas. If you would like to access all of my free, printable resources, subscribe today and gain access.Download a Free STEAM Choice Board today! Available in the library.When you subscribe, shortly you will receive an email with a link to the Free Resource Library. The library is filled with lots of printable learning resources. You can download any files that interest you!Click the grey lock box and subscribe through Grow. By subscribing this way you will also unlock all of the other freebies on this site. Once you subscribe, a page with a link to the library will appear. Click the link and search for any STEM or other resources you'd like.Click and subscribe.Winter is a great time to get a collection of themed resources and activities for kids. Below is a collection of my most popular, and favorite winter activities for kids. From a surprise snowman literacy activity and outdoor education activities to winter crafts and more winter STEM activities for kids. Christmas STEM Activities DIY Christmas Escape Room If you are looking for more activities to try with children with the winter theme, check out my shop filled with printables for all subjects and themes. Below are my printable Winter activities and escape rooms!