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What better way to learn about science and nature than to learn about clouds. Wispy, fluffy, and dark, clouds take many forms. Children of all ages love learning about weather and clouds. In this post I give you my best cloud resources and activities for kids! This Post May Contain Affiliate Links. Please Read Our Disclosure Policy. Jump to: When learning about science it is important to not only gain science knowledge, but practice science skills. These worksheets and activities do both. Learn about clouds in a fun way while: Directions for how to access the free printable pack can be found at the bottom of this post! Understanding all of the different types of clouds can be a little confusing, if I'm being perfectly honest. I absolutely love clouds, but all of the fancy scientific terms that scienlists use to describe them can make learning about them very confusing for a young child. All of these activities keep it simple and easy. Depending on the age and interest level of your child you can modify the activities up or down. Pair these with weather lessons, a water cycle printable, weather worksheets, or even a weather unit. Or simply use each as a stand alone activity to foster their natural curiosity to learn about weather and clouds. If your child is really into learning about clouds, I recommend using a guide book or pamphlet that shows real images of clouds along with a cloud identification charts. Within the downloadable cloud types bundle, I include a chart that you can use for reference when teaching clouds to your kids. Directions for how to access the free printable PDF downloads of the printables and worksheets can be found at the bottom of this post. The best way to get young learners interested in learning about clouds is to head outside and observe clouds. Keeping a cloud journal is fun for kids of all ages and abilities. Related Post: Nature Journaling with Kids a guide to get you started! Simply use a blank spiral bound notebook to create a journal. If you would like to make one using printer paper and ribbon, I included a free downloadable template below. Observe the clouds each day or multiple times a day. Kids of all ages will enjoy drawing illustrations of the clouds they see outside. Then add a few descriptive words to go along with the illustration. Young learners can practice writing the word cloud, sun, or rain to go along with their drawings. Bring along the watercolor paints or colored pencils to add details to the sketches. Simple and easy, yet fun and engaging. I picked up this blank drawing pad along with this watercolor paint set. If older learners are ready to start adding the names to the clouds, have them use a guide to label the different types of clouds. Another way to keep a cloud journal is to have your child take photographs of the clouds they see outside. Then turn the cloud photos into a digital journal complete with text. There are endless programs available online for kids to use including Google Slides or Prezi. If they are really into clouds they could record video to add to a digital journal. Once the journal is complete, kids can practice presenting their digital journals in small groups as a way to practice public speaking. This type of activity is one of my favorite ways to introduce a new topic or unit. It is best to do this activity before your kids have learned about the different cloud types. Young learners will sort and classify pictures of clouds into groups. Instead of sorting by basic type of cloud or specific cloud names, kids will create their own classification system. In other words, children will sort by characteristics that they observe in the photographs. For example, one group can contain clouds that are near the ground. Another for clouds that are wispy. And a third for ones that look like fluffy cotton balls. If kids think they know the kind of weather associated with the clouds shown in the picture they could make a category for storm clouds or fair weather clouds. Cut out the pictures of the different types of clouds (free download below) Have your kids create their own classification system by sorting the images into at least 3 groups. Once sorted, have them explain what characteristics they used to form the groups. Then have them explain why each cloud fits into that group. Explanations can be written down or stated out loud. This activity is fun for one child to do alone or with a partner. If multiple kids or partners complete the activity it can be fun to share the different classification systems. For this activity, there is no wrong answer as long as children can say why a cloud fits into a specific group. By creating their own classification system they are using critical thinking skills. Analyzing and organizing are higher levels of thinking compared to simply identifying and recalling facts. This introductory cloud activity practices those higher level thinking skills in a fun and engaging way. Another way to use the photos of the different types of clouds is to pair them with a types of clouds worksheet. In this activity kids can identify the main types of clouds. I created two versions (3 types and 4 types) because different resources group clouds into 3 or 4 main groups. These interactive worksheets are designed to go with the cut out photo pictures of the clouds from the sorting activity. Simply select one or more photos that show the cloud type. To go along with the different types, have them summarize the characteristics of each type. Encourage kids to write in short points verses whole sentences to keep them from simply rewriting whole sentences from a resource. What better way to get young learners interested in writing about science than to have them write a story. For this activity, kids will use one of the photographs of clouds from the sorting activity or they can take their own picture. Using the photograph, kids can write a day in the life of a cloud story. Encourage them to write the story from the point of view of the cloud in the picture. Depending on the age of the child, will depend on how much science content they include. The charts below can help guide kids of different ages. Younger Learners cloudylow cloudrainhigh cloudsunwater or icegrey cloudsrain cloudsblue skysunny Older Learners cumulonimbus cloudsice crystalscirrus cloudswater dropletsstratus cloudswispy cloudsnimbus cloudshigh windsnimbostratus cloudsheavy rainlow altituedeigh altitude After learning about clouds have kids write a summary about what they learned. Summarizing is another critical thinking skill. Summaries are short and give an overview of what they learned. A great way to prepare to write a summary is to have them create a brainstorm or outline. Then have them write out the summary in words. Afterwards go through together and have them make it about one paragraph in length. The process of shortening their summary is allowing them to process what they learned as they condense the information. If you truly understand a topic, then you can break it down into an easy to follow summary. Summarizing instead of just stating facts, practices critical thinking skills. This is one reason why I love integrating summary writing with science. The Cloud Book by R. Hamblyn: My absolute favorite cloud resource. I always included it in my free choice reading books in my classroom. Information packed, but kids love it due to the large photographs of clouds. Water Cycles by DK is Amazing! I only found this book recently and I can not say enough good things about it! Filled with large colorful diagrams- not just about clouds, but it does include the water cycle along with the different types of clouds. All 3 of these books are wonderful for visual learners! Clouds can be broken up into three main types: cumulus, stratus, and cirrus. Scientist also organize clouds by where they can be found in the sky: high, medium, or low. Real life photograph of each cloud type Divides clouds into 3 groups: High Level Clouds, Mid-Level Clouds, and Low-Level Clouds Provides information about the 10 main cloud types: High Clouds: cirrus, cirrocumulus, and cirrostratus Middle Clouds: altocumulus, altostratus, and nimbostratus Low Clouds: cumulus, cumulonimbus, and stratocumulus NOAA Types of Clouds University of Illinois: 3 Cloud Types These printables were created by Nature Inspired Learning and are for personal use only for your home, classroom, or public library. All of these types of clouds free printables are for non-commercial use see full disclosure. Types of Clouds Printable Pack! Is your child curious about the weather? Grab these Types of Clouds Worksheets and see how they can help your children learn more about the seven different types of clouds. I know you need more weather ideas so check out my bigger list of Fun Weather Activities for Kids! Imagine looking up at the sky and seeing a picturesque display of clouds, each with its unique shape and style. Clouds can be both beautiful and mysterious, but behind their fluffy exterior is a wealth of knowledge waiting to be uncovered! These natural marvels can help us understand weather patterns and even predict future weather events. This post may contain affiliate links meaning I get commissions for purchases made through links in this post. Read my disclosure policy here. Before diving into the worksheets, let's first discuss the seven types of clouds. There are four main cloud types; these include cumulus, stratus, nimbus, and cirrus. Under these main categories, there are other subtypes of clouds. These include cirrocumulus, altocumulus, altostratus, cumulonimbus, and stratocumulus. Each of these cloud types has specific characteristics, such as the height of the cloud base, shape, and weather patterns that accompany them. Understanding the different types of clouds can help us interpret and predict weather changes more accurately. Studying the types of clouds can be an exciting and educational adventure, especially when exploring their unique characteristics and weather patterns. By using the clouds worksheets, your kids will have a fun and engaging way to learn about these fluffy formations. Discover the secrets of clouds with these amazing books about clouds for kids. They will assist you in educating your child about the various types of clouds, their formation, and other interesting facts. Shapes in the Sky: A Book About Clouds (Amazing Science: Weather)The Cloud Collector's HandbookGreta and the Dark Cloud: A Story About Overcoming Fear and Anxiety for Kids (Thunderstorm Book for Children Ages 3-7)The Cloud BookClouds: Shapes, Forecasting and Fun Trivia about Clouds for KidsExplore My World Clouds The Types of Clouds Worksheets include five different pages that can help children learn about the different kinds of clouds. The Name the Clouds page allows children to identify which clouds are which by looking at the picture with a short description of each. This page provides a descriptive image of each kind of cloud, allowing your child to understand how each one looks. This cut-and-paste activity helps your children recall the steps on how clouds form, which leads to the different types of clouds. It comes with an answer key so you'll be guided to the right answer. This exciting page allows your children to practice identifying each type of cloud by observing the clouds outside, drawing what they saw, and recording their observations. The Types of Clouds Matching Activity page is a fun and educational way to review what your child has learned about what each type of cloud looks like. Junior Scientist Science Study: Weather Head outdoors and help your little scientist discover more about the weather with the Junior Scientist Science Study: Weather learning pack. Perfect for kids in kindergarten to grade 3. Junior Scientist Science Study: Severe Weather Are you looking for homeschooling materials? Let your kids discover the different extreme weather conditions and what to do if they experience one with this printable learning pack. It has useful facts with real photos and different fun worksheets perfect for kids in grades 1 to 3. Learning about clouds is both fun and educational. With my printable Types of Clouds Worksheets, my goal is to help children understand the types of clouds through a variety of activities that can teach them about cloud identification, formation, and weather prediction. By teaching your kids about clouds during your weather unit, we are helping them understand natural processes and become more interested in the world around them. So, let's get to cloud-watching and learning! Print this out to learn all about clouds for your weather unit. Cloud Observation Worksheets Weather Printables for Kids Cloud Activities for Kids Types of Clouds Activity with Cotton Balls Weather Kits for Kids Printable Cloud Roll and Color Dice Game on Darcy and Brian Cloud in a Bottle Experiment With Rubbing Alcohol on Playing with Rain If you are ready to learn about the types of clouds, we have lots of fun cloud activities and cloud worksheets to add to your weather unit! Simply print the free cloud printables and you are ready to learn about, review, and make a cloud craft by making clouds with cotton balls. Get ready to play and learn with these cloud activities for preschoolers, kindergartners, grade 1, grade 2, grade, and grade 4 students. Cloud Activities Learning about cloud types is lots of fun with these cloud activity ideas perfect for elementary age students - from preschool, pre-k, kindergarten, first grade, 2nd grade, 3rd grade, 4th grade, and up! We have cloud printable sheets to go along with our cute cotton ball clouds diy plus lots of fun resources to learn about the weather for kids. Our free cloud worksheets include cut and paste activities, match the cloud type, cloud flashcards, and more to learn about Altocumulus, Altostratus, Cirrocumulus, Cirrus, Cumulonimbus, Cumulus, Stratocumulus, and Stratus clouds in the sky. 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