

5 Honors in 1

Weather & Advanced,
Flowers & Advanced
Gardening

#PathfindersVsCoronaVirus



Timeline: This honor set is designed to be taught over the course of 16 days (one task posted on social media per day) and 3 virtual Pathfinder meetings.

What do I get? After completing everything, Pathfinders will earn [Weather](#), [Weather Advanced](#), [Flowers](#), [Flowers Advanced](#), and [Gardening](#).

What next: This study easily leads into the Edible Wild Plants or Trees honor.

Supply Packets: (mail to Pathfinders or drop off at their house)

- Seed packets.
- Weather Vane Materials: 2 pieces of cardstock, a straw, a straight pin, a new pencil, some clay
- Weather/Observation Recording Chart

Day	What to Post on Social Media:
Day 1	 <p>Good morning Pathfinders! Today we start a brand new honor series! We are going to earn FIVE honors in one! Wow! Over the next two weeks you will do daily tasks to complete the Weather, Advanced Weather, Flowers, Advanced Flowers, and Gardening honors! A packet is coming to you in the mail with some other materials you will need. Staff are welcome to participate. During our next couple Wednesday Zoom meetings we will visit with some special guests that will also help us with these honors! The first daily task will be posted tomorrow! As always, Parents can post on your behalf or I'd be happy to text/email you the daily task. #PathfindersVsCoronaVirus</p>
Day 2	<p>Today we will learn about the parts of a flower. https://web.extension.illinois.edu/gpe/case4/c4facts1a.html</p> <p>Complete this online game to label the parts of a flower. Snapshot your screen when you get them all correct and post. https://www.turtlediary.com/game/parts-of-a-flower-labeling.html</p>
Day 3	<p>Today we will learn about plant reproduction https://www.youtube.com/watch?v=WuRYfuPbV6I https://www.youtube.com/watch?v=7DqsZbSdbrk</p> <p>Go outside and find a seed. Identify it. Post a picture of your seed and what type it is in the comments. https://www.idseed.org/seedidguide/keys/details/Use-the-Poaceae-key-if2.html</p>
Virtual Meeting 1	<p>Plants as a ministry/outreach (Get a guest worship speaker)</p> <p>Learn the life cycle of a plant. Seed Germination. Photosynthesis. (Get a guest speaker - science museum, teacher, etc.)</p>
Day 4	<p>Learn how plants protect themselves and how you can control pests and weeds in the garden https://ed.ted.com/lessons/the-amazing-ways-plants-defend-themselves-valentin-hammoudi https://www.naturespath.com/en-us/blog/non-toxic-methods-pest-weed-control/</p>

	<p>YOU GET TO PLANT YOUR SEEDS TODAY! Find a good place in your yard where there is plenty of sun. OR Use a plastic cup and some dirt to start your seeds indoors and then transfer them to the ground later. Read the back of your seed package to help you. Take a picture of you of you planting your seeds and post in the comments. Here's a video if you need help. https://www.youtube.com/watch?v=Lly75dEbXE8</p>
Day 5	<p>Learn about edible wild plants https://www.youtube.com/watch?v=EcQChJ-5XxE Learn about poisonous plants https://www.youtube.com/watch?v=p71KQM1hc30. Go outside and find an edible plant (don't eat it) or a poisonous plant (don't touch it). Take a picture. Post the photo, name of the plant, and edible or poisonous label in the comments.</p>
Day 6 (Sabbath)	<p>Find a parable or spiritual lesson from the Bible in which plants are used as an illustration. Complete both Crossword puzzles from your packet.</p> <p>Then, make a 1-minute "children's story" style video of you telling the story you found in the Bible post in the comments.</p>
Day 7	<p>Learn about types of clouds & the atmosphere. https://www.youtube.com/watch?v=FMagDRCpJ14 https://scied.ucar.edu/atmosphere-layers</p> <p>Draw & color a cross-section of the atmosphere, showing which type of clouds would be found in each layer. Post a picture of your drawing. Also tell what kind of clouds you see in the sky today.</p>
Day 8	<p>Starting today, observe one single plant/flower in your garden/yard for 7 days. You will also make weather recordings. Use the chart that was in your packet. Use information at the Weather Channel to help you. https://weather.com/weather/today</p> <p>Use this dichotomous key to identify the plant you plan to observe. Post its name and a picture of it in the comments. https://gobotany.nativeplanttrust.org/simple/</p>
Day 9	<p>Learn about growing zones and why we have 4 seasons. https://www.youtube.com/watch?v=O6AM0pNiUOs https://www.youtube.com/watch?v=WgHmqv_-UbQ</p> <p>In the comments tell what zone we are in? Name 1 plant that can overwinter in our zone and 1 that can't.</p> <p>Don't forget your plant & weather observation Day 2.</p>
Day 10	<p>Learn about weather measurement tools and the barometer https://ed.ted.com/lessons/the-history-of-the-barometer-and-how-it-works-asaf-bar-yosef https://www.youtube.com/watch?v=ySSyT44nma4</p> <p>Don't forget your plant & weather observation Day 3.</p>
Virtual	<p>Worship: Bible References to Storms</p>

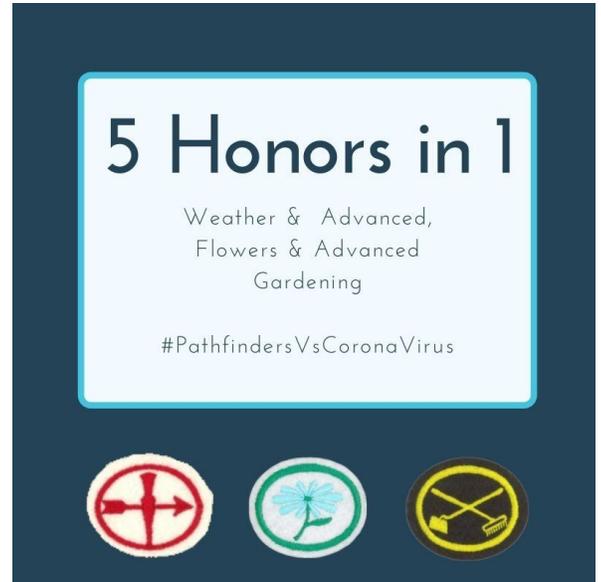
Meeting 2	<p>Storm Chaser Vehicle Tour or Meteorology Station/Center Tour or Presentation (Guest Speaker)</p> <p>Make a wind vane. Supplies came in your packet-enough to make one per family. https://www.wikihow.com/Make-a-Wind-Vane</p>
Day 11	<p>Examine at least 4 different types of maps from the National Weather service. https://www.weather.gov/forecastmaps</p> <p>Make a weather forecast video and post it in the comments along with one sentence explaining why knowing the weather forecast is important for gardening.</p> <p>Don't forget your plant & weather observation Day 4.</p>
Day 12	<p>Complete the "learn" model of "Types of Weather" quizlet https://quizlet.com/_2cbozi?x=1jqt&i=1ou61p</p> <p>Snap a picture of the left side bar when you have at least 20 terms mastered. Post in the comments.</p> <p>Don't forget your plant & weather observation Day 5.</p>
Day 13 (Sabbath)	<p>Start work today on making a labeled collection of flowers. For each flower/plant, tell its name and its family. http://theseedsite.co.uk/families.html You can make your collection however you want to (drawings, pictures, dried flowers, google slides, etc). You can use things I sent in your packet to help you. You will work on this today and tomorrow. Post a picture of your finished product tomorrow.</p> <p>Don't forget your plant & weather observation Day 6.</p>
Day 14	<p>Post a picture of your finished flower/plant collection in the comments.</p> <p>Don't forget your plant & weather observation Day 7.</p>
Day 15	<p>Learn about air pressure, lightning, and tornadoes. https://ed.ted.com/lessons/how-heavy-is-air-dan-quinn https://www.youtube.com/watch?v=Tw_6U1iOUVQ https://ed.ted.com/lessons/how-do-tornadoes-form-james-spann</p> <p>Today, Post a picture of your completed Observation chart from the past 7 days. Harvest a flower or leaf from that plant you've been observing and press it between the pages of a book for drying.</p>
Day 16	<p>Learn about the water cycle. https://www.youtube.com/watch?v=al-do-HGulk</p> <p>Take the quiz. Snapshot your results and post. https://create.kahoot.it/details/the-water-cycle/960c80e3-c5c2-4d8b-8161-af8b0f7487ad</p>
Virtual Meeting 3	<p>Take the plant quiz. Post a picture of 10 out of 10 https://www.dkfindout.com/us/quiz/animals-and-nature/take-plants-quiz/</p>

Virtual Meeting 3	Worship: Plant Parables (Parable of the Sower) (Guest Speaker) Nursery/Greenhouse/Orchard Tour (Guest Speaker)
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Hello Pathfinders!

I've got some fun things for you today that go along with the new honor series that we started on Facebook this week. This honor series will run date through date. We are working on earning 5 honors in one: Weather, Weather Advanced, Flowers, Flowers Advanced, and Gardening. Wow! This is going to be a big accomplishment for you!

Just like the others, I'll post a daily task for you to complete on Facebook. If you don't have a Facebook account, let me know. I'm happy to text or email you. Your parents can post your answers on Facebook for you, or you can just text/email them to me. My phone number is phone number. If you missed a few days of the honor already, no worries! I'll work with you to get caught up.



Here's what's in your packet:

1. **Seeds.** You'll need these on date/day.
2. **Two Crossword Puzzles.** You'll need these on date/day.
3. **A Weather & Plant Observation Chart.** You'll need this on date/day.
4. **Two pieces of colored cardstock, a straw, a straight pin, a new pencil, and some clay.** You'll need this stuff on date/day.

I miss you guys so much, but I know we'll be together again one day soon!

Name of Plant being observed: _____

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Date							
Time							
Temperature							
Amount of Precipitation							
Cloud Formation							
Wind Direction & Speed							
Plant Description (note any changes)							
Visible Insects							

