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| Name of Activity  | Wonder Exploration |
| What grade level did you do it with? | 1 |
| What materials did you need to provide? | Chart paper, pine cones, water, container |
| What materials did your students need to provide? | the "wonder" |
| What materials did you use from the natural outdoor environment? | pinecones |
| Describe your activity with as much detail as possible. This is a good place to put in the different steps or progressions that other teachers could use. The more detail and explanation about your activity including sample ideas, the better. | We started with questions we wanted to know about pine cones (we are learning all about asking questions and letting wonders guide our learning) and in trying to answer the question with different ways of research, I found an experiment to answer why some pine cones are open and some closed. You place the open/dry pine cone into cold water and let it sit. The scales close on the pine cone as they get wet and cold to protect the seeds from the elements. We also included spruce cones to see if they also did this.  |
| Describe how the activity went with the students and how you would adjust it the next time you do it. | I am not sure if I was more excited than them but they were into it! No adjustments needed. |
| Describe the location that you did the activity in including proximity to the school. | Grabbed pine cones from outside and spruce cones from a wonder walk we went on. Did the actual experiment in class.  |
| Describe any challenges that you or your students experienced in planning or doing the activity and how they were dealt with. | N/A |