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| Name of Activity | Sculpture building |
| What grade level did you do it with? | 7/8 |
| What materials did you need to provide? | Shovels, some wood to carve, Food colouring, water, spray bottle, |
| What materials did your students need to provide? | some brought their own shovels |
| What materials did you use from the natural outdoor environment? | snow, fallen sticks, they could use anything they find. |
| 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. | Day 1We walked to a nearby snow sculpture (blue dragon),  Day 2: designed their sculpture, we discussed structural integrity strong base, and how snow changes when it is moved. (some students wanted to make things with free standing parts and we talked about why that would not work with only snow) day 3: Mainly piling snow  Day 4: I brought some pieces of wood that students could use to shave and smooth the scupture day 5: They sprayed the sculptures down with food colouring mixture to add colour to their sculpture We reflected at the end to discuss how to improve next time. See next section |
| Describe how the activity went with the students and how you would adjust it the next time you do it. | The students did very well and the school got to tour the sculpture. One group failed miserably and ended up with basically just a hole. They discussed the key problem and what they lacked was a shared vision for what they wanted to do, they had too many (6) in their group and they were not communicating.  Lessons for the future: the colouring did not work great, it took a long time and was only on the surface so the next day it mainly blew off. If you wanted to do a larger project with this you could run experiments on how to create the best colouring. prior to building.  It is important to pick simple designs, the more complex, the less likely that it will work out. Good designs were ones that they had big ideas but were able to scale down to make it more manageable as they worked through it.  I had a back up project for those who finished early. They shoveled a couple talking circle pits for different classes around the school. Shoveling is an amazing way to make a group of energetic boys exhausted. |
| Describe the location that you did the activity in including proximity to the school. | schoolyard |