

# SNOW DAY PHYSICS



Dear 6th Grade Parents,

In science, we just began our physics unit. Two of the topics we cover in physics are Speed vs. Velocity and Newton's 3 Laws of Gravity. This week, as I watched the snow fall and fall and fall, I thought of the many applications of these topics that were being provided by the snow. As a result, I would like to have the students explore these concepts through some sledding and snow activities on Tuesday, February 9, 2021. To have this kind of fun sledding exploration, I need your help. In order for your child to participate they will need to be **dressed appropriately for outside snow activities**. This means snow pants or at least layered pants. Gloves and hats are required. A warm coat is necessary, preferably waterproof or resistant. If your family has the means, please drop off a sled, tube, or inflatable for your child to use for this fun event by Tuesday morning. Sleds and tubes are too large to be on the buses so **please do not send these items on the bus**. Also, sleds with metal or wood on them is NOT permissible. If you do not have a sled, I will have extras for children to borrow.

If you have any questions or would not want your child to participate in these activities, please contact me at [vicki.fafel@pennmanor.net](mailto:vicki.fafel@pennmanor.net).

Otherwise, be sure to ask your child to explain how physics was demonstrated through these sledding activities. I am looking forward to having a blast while we explore these concepts together!

Thank you for your help!

Vicki Fafel

