# To: Superintendent Ty Mase and LPSD School Board Members

# From: Name, Position Joe Ward/Principal

### **Outstanding Activities and Events**

The secondary class completed their balsa rubber powered airplanes and performed experiments with them in the gym. Students learned how the performance of the planes was increased by reducing and increasing thrust. They were also able to move the wings forward and backward on the fuselage and note the change in performance. They also noted changes when they adjusted the control surfaces on the planes. We are having to take time to repair the aircraft before we can attempt more experiments. When the experiments are completed, we plan to apply what we have learned to the physical science standards.

The secondary and middle school classes worked together to complete chemistry experiments related to acid rain. In one experiment, students made a gas based on citric acid and copper in a beaker. When the gas was visible in the beaker, charcoal powder was added to the beaker and it absorbed all of the gas. Students learned that charcoal is used to capture pollutants in a variety of applications. The second experiment demonstrated that some pollutants can combine with water molecules in the atmosphere and create "acid rain." This phenomenon is another reason why people need to be careful in their use of resources and should work to reduce pollution.

### Personnel

Levelock school is still seeking a classroom aide. Notices have been posted.Our custodian and cook are on quarantine after traveling to Anchorage. Both staff members are scheduled to return to work on 11/26/20.

### **Technology Progress**

DRS upgraded our system giving us faster internet. According to the workers who installed the upgrade, our internet speed doubled.

#### LSAC Activity

The Levelock LSAC did not meet in October. The Committee will have to hold an election soon to replace Chadalin Washington who moved to another village.

### **Pupil Attendance**

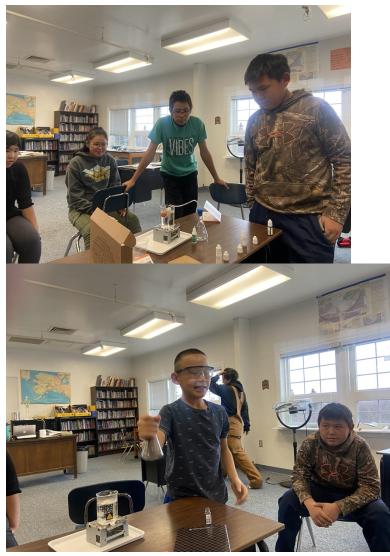
Levelock School began the count period with 11 students enrolled with an Average Daily Membership of 10 students during the count. At this time, 1 student is being served virtually because of travel with family. Packets are put together for the student. The student's mother sends the packets via air carrier. We have not been told when the student will return to Levelock.



Ida Apokedak (4th gr.) measures a chemical that will be used in the experiment while her sister, Maddy (7th gr.) looks on.



Junior, Nyssa Prokopiof-Tallekpalek, stirs the chemicals in the beaker. 7th Grader, Maddy Apokedak looks on while, Nyssa's brother, John (8th gr.) makes sure that we have read the directions correctly.



(Above) 6th Grader, Logan Apokedak watches as the chemical reaction is sped up with the heating of the container.

(Below) 5th Grader, Nick Apokedak, shakes the beaker after adding charcoal to absorb the gas created by heating the chemical solution.

Unfortunately, none of the photos from our balsa plane experiments could be used for this report.