

# Aldo Leopold Charter School

## Weekly Update

1.19.21



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## Speak up!

The state of New Mexico wants to hear from you! The state is making a **Statewide Outdoor Recreation Master Plan** and they need to know what we want. *This is the time to have your voice heard* because once the plan is set in motion the state will not be taking citizen input. [Complete the Get Outside New Mexico survey](#) to let the state know what outdoor activities and sports you love and what would make it possible for you to do those more.

## Ms. Chaney's 7th grade science class is learning about how they ended up with their grandmother's brown eyes

Science - Students learned how to use a Punnett square to predict the traits found in the offspring of a particular cross. They practiced these using a program called Baby Maker. In the Making Babies activity (insert lots of giggles), students began by identifying their own genetic traits by answering a series of questions about their facial features. As they input their phenotype, an animated cartoon representation of themselves as a baby is created. Students then randomly generate a second baby to "cross" with, and proceed to create new generations of babies by filling in Punnett Squares and by reading probabilities of expressed traits from Punnett Squares that are filled in for them. If they make a mistake, their babies might be missing a body part! (Check out BabyMaker [here](#). Reference sheet [here](#).)

## Internships

YCC crews and internships begin this Friday for sophomores, juniors, and seniors. Catalina, our internship coordinator has been calling all 70 students and possible mentors to find just the right placement for everyone. For now, and until Grant County's Covid-19 case positive rate moves from red to yellow, all internships will be conducted online. To learn all the nitty gritty about this spring's program see [Catalina's letter about spring internships on the website](#).

## Energy is everything

The 8th graders in Garrett's science class are learning about [forms of energy](#). Here are a few things you will find out if you watch these videos: There are two main types of energy - kinetic and potential. The law of conservation of energy says that energy is neither created nor destroyed. It can be transferred from one source to another, like when you eat. The food has energy and when you eat, that energy is transferred to your cells. We are recycling energy that has been around since the beginning. Energy is the ability to do work. Work is the act of displacing something by applying force. The ability to do things is inherent in everything even in things that are inert. There is a poem here, I know it, but I transferred all my energy to my students today.

## **The more that you read, the more things you will know. The more that you learn, the more places you'll go.** - Dr. Seuss, *I Can Read With My Eyes Shut!*

Mr. Cantrell is a fan of Dr. Seuss and all that his books can teach us. And there is so much they can teach us! The sixth graders used this graphic organizer to develop skills to understand an author's intent, symbolism, cause and effect, and conflict and resolution. Do you know these stories? Can you answer these questions? If not, ask your sixth grader (or former sixth grader); they can help you.

| Story                        | What was the main <b>conflict</b> ? (Any symbolism?) | What was the <b>resolution</b> ? (Tell What and Why) |
|------------------------------|--|--|
| <b>The Sneetches</b>         |  |  |
| <b>The Zax</b>               |  |  |
| <b>Too Many Daves</b>        |  |  |
| <b>What Was I Afraid Of?</b> |  |  |

## **Don't let Leo drown again!**

Pete and Maddy showed the documentary [Before the Flood](#) by Leonardo Dicaprio to the 9th graders in their **cultural geography and economics class**. This documentary, made with National Geographic, shows us how our lifestyle choices are causing the polar ice caps to melt which has resulted in rising sea levels which is leading to the dislocation of humans and other species. The cool thing about being a human is that we can solve the problems that we cause.

## Go to the source

This whole Covid thing is getting old, huh? But we can't be done with it because we aren't done with it. If you are looking for information *about* the vaccine or want to sign up *to get* the vaccine, the [New Mexico Department of Health website](#) is your go to source for all that is Covid.