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# AARON PETTY

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2nd Place – 6th Grade

**STEM Academy at Wester**

**Teacher – Jeremy Beckwith**

Animal shelters are very good for animals such as dogs and cats. Animal shelters have remained the same for many years but I think they could change a lot in 42 years. Here are some of my ideas for animal shelters in 2060.

First of all, I think that there will be better surveillance in future shelters because of all the technology. Some cameras could be micro-camera, which would be practically impossible to see and could view big areas. Other cameras may be 4K camera that would have high quality in order to see things in the shelters easily.

Next, I think shelters in 2060 could possibly have bio tracking, so it can tell when an animal is sick or healthy, happy or sad, and thirsty or hungry. If the animal is sick it can administer medicine or other treatment. It can give out toys if the animal is sad. Connecting with the bio tracking, can be special food and water mechanisms. The water will open up and pour water into a bowl if the animal is thirsty and beep to get the animal's attention and the food basically does the same thing. Of course, you will have to refill the food and water when they run low.

I also think that the futuristic shelters will have special heating and cooling systems mostly connected with the bio tracking. It can cool down if the animal is hot after playing or heat up if the animal might have been in a cold rain. This way, the staffing doesn't have to turn the A/C up and down, each kennel has its own self-working A/C.

I think that security will be upgraded tremendously by connecting with the special cameras. I also think that there will be electronics in the collars that have to be disabled by the staff so the alarms don't start blaring when the collar leaves the bounds of the premises. These security techniques can make sure animals aren't kidnapped.

Finally, I imagine that the staffing would grow, as there is a growing want for pets, so the staffing will probably be increased. The staffing help sell the animals and some staff calm the pets if they are disheveled from meeting their new owners.

All in all, shelters are a great way to keep pets safe. The shelters provided the need for stray animals. I'm excited to see the new changes to animal shelters.