



Bertha Peterson fires her homemade rocket during a physical science class experiment. Watching the experiment are (from left) Steve Jackson, Elena Petluska, Eunice Beans, Rita Paul and Joe Hawk.

Chemawa Students Get High, Teacher Says They Took Off

Students in Mr. Morrow's Physical Science classes have been building rockets, flying them, and finding out that what goes up must come down.

According to Mr. Morrow, his students' work with rockets is related to acceleration experiments being conducted in class. Each student built a model rocket and fired it three times. The rockets used solid-fuel engines ignited by an electric current.

Blast-offs were held during March 12-16 behind Hawley Hall in the field where the horses are kept. (There were no horses present when the firings took place.)

Each student had to provide an experimental passenger for his rocket. Seeds, plants, meal worms and even three small fish were used by students in their experiments. Everything, even the fish, survived the space flights.

Mr. Morrow was contacted by a local rocket club and his students were invited to a rocket show. Chemawa students were also asked to display the rockets they had built.

The student-built rockets were also displayed in Academic One. Mr. Morrow said that the rockets on display reached altitudes of two to four hundred feet.

Mr. Morrow was invited to Cape Kennedy to watch the blastoff of the

skylab vehicle and the skylab crew on May 14-15. This will be America's first space station.

He will meet with a NASA scientist to discuss the space program and will bring back film of the launch to show to his classes.

Running Wild *Buck Plays Ball*

Two of Chemawa's three pet deer, a doe and a buck, broke loose from their pen and ran loose on the campus until students rounded them up and herded them back.

The doe ran over to the track, while the buck decided to go out for baseball. He appeared just as one of the players hit the ball out of the infield, and he made it to first base easily. In fact he circled the bases twice before the students formed a circle and herded him back to his pen.

"If it wasn't for the students, we would have lost them," said ag teacher Mr. Robert Morrow.

Morrow and Mr. Will Wood are in charge of the animals, along with students Cliff Jack, Walter Hill and Wayne Henry. Along with the deer, the animal compound contains ducks, geese, roosters, chickens, turkeys, horses and four different species of pheasant.

Aviation Here

Aviation at Chemawa is an elective course taught by Mr. Ellis Moncrief. The course is open to girls as well as boys. The main purpose of the course is to prepare students to become private pilots.

Mr. Moncrief says that aviation is not an easy course. It requires a lot of reading and studying. Moncrief teaches the class during 5th and 6th period.

After many weeks of studying, the student is given a fifty-question exam which takes three-and-a-half hours to complete. Then the student is ready for actual flying practice.

Helicopter practice took place in the field behind the trailers, and the regular airplane flying practice is held in Albany. Each student gets a chance to taxi, prepare for flight, take off and land the plane. Mr. Moncrief flies with the students at all times.

Students now enrolled in the class are Morris George, Nels Martin, Richard Merculief, Wallace Cleveland, Jack Williams, Lloyd Davis, Carl Hoffman, Moses Peter and Harry Wassily. George, Martin, Merculief and Peter have already taken their private pilot's license test in Portland.

Mr. Moncrief gave the tests in class earlier this year so that students who failed it the first time could have another chance at it. He added that there will be no more flying this year because the budget can't handle the cost of any more airplane or helicopter rentals.

Two Plays Given

The Drama Class has put on two plays so far, and is working on a third play. They have been presenting their plays for some of the sixth-hour English classes.

Most of the students who have seen the plays seem to enjoy them.

All of the plays that the Drama Class is doing are one-act comedies. In "Not My Cup of Tea" the actresses were Angelina Gromoff, Flora Deacon and Valerie Kay Boyd. The two actresses in "Girls Will Be Girls" were Zoya Melovidov and Debbie Thomas. In the upcoming play, "Girls Ask Boys" are Ron Morris, Iva Smith, Rhonda Semoe, Sally McCloud and James Jackson.

These will be the only plays put on this year. Next year Miss Graham wants to see if the class can do some three-act plays.