

# Stanfield turns eclipse into Day 1 lesson

By JAYATI RAMAKRISHNAN  
East Oregonian

Stanfield students' first day of school coincided with the total solar eclipse, but that didn't mean the students had to miss it.

Rather, teachers at the Stanfield Secondary School used the opportunity to spend the morning teaching astronomy, playing games, doing science projects and making eclipse-related art.

Secondary school science teacher Devin Bailey and math teacher Tyler Davis put together a series of activities that helped students understand the way the sun works, and how it has been studied throughout history. Students participated in seven different sessions, switching every 15 to 20 minutes, before ending the morning out on the track, watching the eclipse itself.

Teachers urged students to be careful even though they were all given eclipse glasses. "The glasses don't make it OK for you to just look at the sun as long as you want," said science teacher Lucas Tynkila. "It's best to only do three minutes or less."

Tynkila and Language Arts teacher Ashley Snow led activities that helped students understand the relationship between the sun and the earth. Tynkila had students create a scale model of the distance between the sun and the earth using cutouts of each. Snow had students trace each others' shadows on the sidewalk, marking where their feet were and the time they were measured. Later, students stood on the same spot and re-traced their shadows, showing how they had moved since they last stood there.

On the track, social studies teacher Brad Rogers helped students with what might have been the most delicious activity of the day: Solar s'mores. Teacher had put together homemade solar ovens, using pizza boxes, black paper, plastic wrap and tinfoil. Students placed s'mores in the ovens and closed the lid, watching them cook.

A handful of freshmen said they were enjoying the activities on their first day back at



Stanfield eighth graders Tania Lagunes and Courtney Carey measure shadows as part of the school's eclipse activities on Monday morning.



Carlos, Nelly and Jjay Chavez show off their homemade eclipse viewers.



A class of Stanfield first graders eagerly wait to watch the eclipse on Monday morning.

school, and were excited to see the eclipse.

"It's a once-in-a-lifetime opportunity," said Lyndzee Keltz.

"My dad hasn't stopped talking about it," said Kayla

Perkins.

Logan Hendricks knew how to harness the power of the sun to whip up a snack, as he revealed while placing a s'more inside a solar oven. "I remember baking

cookies on the dashboard of a car," he said. "It took a couple of hours."

Inside, students had lessons, but they were all eclipse-themed. They heard from Good Shepherd health professionals about protecting skin and eyes from the sun, and played trivia games testing their knowledge.

Math teacher Blaine Braithwaite read out questions to the students, who answered on laptops, and had to answer quickly and correctly to win points.

"Which civilization believed that the earth had four previous suns, and we are currently on our fifth?" he asked students, who had a few seconds to answer. The correct response? The Aztecs.

In addition to questions about ancient cultures' beliefs about the sun, Braithwaite also asked questions about the last solar eclipse, and the order of the moon, earth and sun during an eclipse.

At the elementary school, students poured out onto the field around 10 a.m., sitting on blankets with bags of popcorn, ready to enjoy the eclipse. Some had worksheets they'd brought, to track their observations as they watched.

The students made note of the sky as it got darker, the air got a little cooler, and the moon edged over the sun, until it was time. The entire school put on their glasses, sat on their blankets, and looked skyward.

## BRIEFLY

### Red Cross shelters evacuees from coastal Oregon wildfire

GOLD BEACH (AP) — A wildfire burning for more than a month has grown dramatically in recent days, forcing evacuations in southwest Oregon.

The Red Cross said Monday it provided shelter to about 50 people who evacuated their homes because of the lightning-caused blaze that's scorching the Kalmiopsis Wilderness.

Curry County residents living along Highway 101 north of Brookings were warned to evacuate Sunday afternoon after strong winds pushed the fire to the south and west. Fire officials told the Mail Tribune newspaper they've received reports of some structures being burned.

The fire that was less than acre on July 12 has now charred more than 140 square miles, and an estimated 3,000 people have been warned to evacuate.

The evacuation notices do not include the city of Brookings or Gold Beach, and Highway 101 from Brookings to Gold Beach remained open.

More than 400 firefighters are battling the blaze.

August is peak wildfire season in the Pacific Northwest, and firefighters are busy throughout Oregon.

In central Oregon, a wildfire that led to the evacuations within the path of totality of Monday's eclipse increased in size to more than 16 square miles.

### Pilot killed in small plane crash near eclipse site named

MADRAS (AP) — Authorities have identified the pilot killed in a small plane crash near a central Oregon airport Saturday afternoon in an area where people had gathered to watch the solar eclipse.

Jefferson County Sheriff's officials said Monday that Mark James Rich of Menlo Park, California, died when his 2002 fixed wing, single-engine aircraft crashed into Willow Creek Canyon.

Officials say Rich was in his late 50s.

The Central Oregon Emergency Information Network says Rich was killed in the crash about a mile south of Madras Municipal Airport.

Authorities had initially said a passenger was also on board but the Statesman Journal reports investigation showed only Rich had been on the plane.

The Federal Aviation Administration and National Transportation Safety Board are investigating.

### Jury ends day deliberating in Bundy standoff case in Vegas

LAS VEGAS (AP) — A federal jury in Las Vegas has ended a third full day of deliberations on Monday in the retrial of four men accused of wielding assault weapons against federal agents in a 2014 standoff near the Nevada ranch of anti-government figure Cliven Bundy.

Jurors are due to return to work Tuesday in the case against Idaho defendants Scott Drexler, Eric Parker and Steven Stewart, and Ricky Lovelien of Montana and Oklahoma, a court clerk said.

The jury is considering 10 charges including conspiracy, weapon possession and assault on a federal officer.

The trial is a prelude to another expected later this year for Bundy, his sons Ammon and Ryan Bundy, and two other defendants.

Six other defendants, including two other Bundy sons, are slated for trial next year.

## Corrections

The East Oregonian works hard to be accurate and sincerely regrets any errors. If you notice a mistake in the paper, please call 541-966-0818.

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### AccuWeather.com Forecast

TODAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mostly sunny and very warm	Partly sunny and very warm	Mostly sunny and pleasant	Nice with plenty of sunshine	Pleasant with plenty of sun
96° 65°	89° 62°	81° 49°	81° 52°	89° 60°

PENDLETON TEMPERATURE FORECAST  
96° 65° 89° 62° 81° 49° 81° 52° 89° 60°

HERMISTON TEMPERATURE FORECAST  
99° 67° 92° 63° 84° 49° 83° 46° 92° 52°

### ALMANAC

#### PENDLETON

through 3 p.m. yesterday

TEMPERATURE	HIGH	LOW
Yesterday	87°	52°
Normals	86°	56°
Records	106° (1897)	37° (1904)

PRECIPITATION  
24 hours ending 3 p.m. 0.00"  
Month to date 0.07"  
Normal month to date 0.29"  
Year to date 11.37"  
Last year to date 7.34"  
Normal year to date 8.24"

#### HERMISTON

through 3 p.m. yesterday

TEMPERATURE	HIGH	LOW
Yesterday	88°	50°
Normals	87°	56°
Records	101° (1977)	41° (1945)

PRECIPITATION  
24 hours ending 3 p.m. 0.00"  
Month to date 0.06"  
Normal month to date 0.14"  
Year to date 6.65"  
Last year to date 4.99"  
Normal year to date 6.06"

#### SUN AND MOON

	First	Full	Last	New
	Aug 29	Sep 5	Sep 12	Sep 19

### REGIONAL FORECAST

Coastal Oregon: Clouds and sunshine today. Mostly cloudy tonight.

Eastern Washington: Plenty of sunshine today. Mainly clear tonight. Sunny to partly cloudy tomorrow.

Eastern and Central Oregon: Plenty of sun today; hot. Partly cloudy tonight; however, cloudy in the south.

Cascades: Mostly sunny today; very warm in central parts. Partly cloudy tonight.

Western Washington: Sunny to partly cloudy today; however, mostly cloudy at the coast.

Northern California: Mostly sunny today; a stray afternoon thunderstorm in the interior mountains.

### REGIONAL CITIES

	Today			Wed.		
	Hi	Lo	W	Hi	Lo	W
Astoria	69	57	c	68	53	c
Baker City	97	54	s	90	54	pc
Bend	93	56	s	85	50	pc
Brookings	65	54	pc	66	54	pc
Burns	94	54	s	86	48	t
Enterprise	92	56	s	86	55	pc
Eugene	85	56	s	82	55	s
Heppner	93	64	s	87	59	pc
Hermiston	99	67	s	92	63	pc
John Day	96	58	s	88	55	pc
Klamath Falls	89	54	s	82	49	t
La Grande	93	57	s	87	55	pc
Meacham	91	53	s	84	53	pc
Medford	98	64	s	92	59	pc
Newport	63	54	pc	65	51	pc
North Bend	65	56	pc	68	54	pc
Ontario	97	64	s	93	63	pc
Pasco	97	61	s	92	57	pc
Pendleton	96	65	s	89	62	pc
Portland	87	61	s	80	56	pc
Redmond	95	54	s	86	48	t
Salem	88	59	s	83	56	s
Spokane	91	62	s	86	59	s
Ukiah	93	52	s	84	51	pc
Vancouver	87	59	s	79	55	pc
Walla Walla	97	69	s	90	64	pc
Yakima	98	61	s	93	57	pc

### WORLD CITIES

	Today			Wed.		
	Hi	Lo	W	Hi	Lo	W
Beijing	83	74	r	86	70	r
Hong Kong	98	80	t	88	82	r
Jerusalem	84	66	s	85	67	s
London	74	60	pc	73	56	pc
Mexico City	77	56	t	76	55	pc
Moscow	83	66	c	77	58	r
Paris	81	60	pc	84	57	pc
Rome	84	65	c	84	64	s
Seoul	86	73	pc	84	76	r
Sydney	65	48	s	69	50	s
Tokyo	87	78	c	93	78	pc

### WINDS

(in mph)	Today	Wednesday
Boardman	W 3-6	WSW 7-14
Pendleton	NNW 6-12	WSW 7-14

### UV INDEX TODAY

2 4 6 6 4 2

8 a.m. 10 a.m. Noon 2 p.m. 4 p.m. 6 p.m.  
0-2, Low 3-5, Moderate 6-7, High; 8-10, Very High; 11+, Extreme

The higher the AccuWeather.com UV Index™ number, the greater the need for eye and skin protection.

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### NATIONAL WEATHER TODAY

Shown are noon positions of weather systems and precipitation. Temperature bands are highs for the day.

National Summary: Severe storms will extend from the central Plains to the eastern Great Lakes today. Storms will dot the Deep South and Florida. Much of the West will be dry. Cool and less humid air will invade the Midwest.

Yesterday's National Extremes: (for the 48 contiguous states)  
High 107° in Thermal, Calif.  
Low 32° in Bodie State Park, Calif.

### NATIONAL CITIES

	Today			Wed.			Today			Wed.			
	Hi	Lo	W	Hi	Lo	W	Hi	Lo	W	Hi	Lo	W	
Albuquerque	86	64	t	88	66	c	Louisville	89	69	t	84	62	pc
Atlanta	92	74	pc	89	73	t	Memphis	93	74	pc	84	67	c
Atlanta City	86	77	pc	84	65	t	Miami	91	80	t	89	80	t
Baltimore	93	74	pc	83	61	pc	Millwaukee	78	59	t	74	59	s
Birmingham	89	60	pc	94	63	s	Minneapolis	75	55	pc	75	55	s
Billings	93	76	pc	90	72	t	Nashville	93	73	t	85	63	pc
Boise	97	68	s	91	65	pc	New Orleans	90	76	t	90	77	pc
Boston	87	70	s	82	63	c	New York City	89	73	pc	81	66	t
Charleston, SC	89	76	pc	90	76	pc	Oklahoma City	90	67	t	84	63	pc
Chicago	91	68	t	80	58	pc	Omaha	79	56	pc	82	63	pc
Chicago	80	59	t	77	58	s	Philadelphia	92	75	pc	84	66	pc
Cleveland	84	62	t	79	60	pc	Phoenix	107	84	s	105	82	pc
Dallas	97	78	s	91	74	t	Portland, ME	83	67	pc	82	57	pc
Denver	84	59	pc	89	59	c	Providence	84	71	s	82	61	t
Detroit	80	58	t	77	54	pc	Raleigh	95	74	pc	94	70	t
El Paso	92	71	t	92	70	t	Rapid City	84	65	pc	90	59	pc
Fairbanks	63	45	c	59	47	c	Reno	87	51	t	90	61	pc
Fargo	77	50	t	74	51	s	Sacramento	91	61	pc	94	60	s
Honolulu	88	75	sh	88	76	pc	St. Louis	83	62	t	81	60	s
Houston	95	75	t	96	77	t	Salt Lake City	92	68	s	91	68	pc
Indianapolis	82	61	t	78	58	pc	San Diego	77	68	pc	76	67	pc
Jacksonville	92	74	pc	93	75	c	San Francisco	73	60	t	72	59	pc
Kansas City	83	55	c	79	59	s	Seattle	85	59	s	73	54	pc
Las Vegas	101	81	s	100	79	pc	Tucson	101	76	t	97	75	t
Little Rock	92	74	t	84	65	c	Washington, DC	94	77	pc	84	68	t
Los Angeles	83	64	pc	81	65	pc	Wichita	87	61	pc	84	60	s

Weather (W): s-sunny, pc-partly cloudy, c-cloudy, sh-showers, t-thunderstorms, r-rain, sf-snow flurries, sn-snow, i-ice.