

Biology II Research



KIRT MICHAEL is testing to see if the fluorocarbons from aerosol cans do break down ozone gas found in the upper atmosphere.



LORI FERRENBURG is working with sagebrush and the use of oils from it as an antibacterial agent.



KELLY GARNER is studying the effects of varied stimuli (drugs, heat, etc) on plants and recording their responses with the polygraph at the College of Idaho.



SALLY LOONEY is attempting to extract Vitamin B12 (a possible cancer cure) from apricot pits.



When a storm hits it's smart to drive in and out a driveway every hour to keep tracks open—or at least once before you go to bed and once in the morning.



If you see *Parisienne* on a menu it means a dish made with broccoli.

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Newell Heights Items

By Dale Witt

NEWELL HEIGHTS - Mr. and Mrs. Irvin Topliff visited in the Robert Goodell home near Caldwell Friday afternoon. They visited Mr. and Mrs. Ercil Goodell of Haigler Nebraska who was visiting in the Goodell home. They are cousins of Mr. Topliff.

Mr. and Mrs. G. A. Gustafson of Caldwell were Sunday afternoon visitors in the Carl Lee Hill home.

Mr. and Mrs. Karen York and two children of Vale visited Mr. and Mrs. Ray Simpson Sunday afternoon.

Mrs. Earl Province of Caldwell was a Sunday dinner guest of her mother, Mrs. L. C. McDermott.

Mrs. Marie Moore and Mrs. Irvin Topliff attended the Home Extension meeting at the home of Mrs. Vera Webb in Adrian Wednesday afternoon.

Mr. and Mrs. Golden Draper visited Mrs. Rollo Fenn Saturday evening.

Mrs. Carlene Savage and Mrs. Carl Fenn visited Mrs. Rollo Fenn Sunday afternoon.

Mrs. Rollo Fenn received word of the death of Mrs. Art Ferguson of Coos Bay. She died January 8, following a stroke. She and her husband have hunted here for a number of years and are known by many in this area.

Mr. and Mrs. Bill Webb went to Ontario Friday and were luncheon guests of Mrs. Margaret Payne and Pauline King.

Mr. and Mrs. Gerrit Timmerman accompanied by Mr. and Mrs. Jake Groot of Apple Valley, were Sunday evening dinner guests of Mr. and Mrs. Ray Holly in Boise. Mrs. Dave Savage and three girls were Sunday afternoon visitors of her mother Mrs. Carl Fenn.

Mr. and Mrs. W. C. Van DeWater and son Kent of Caldwell were Tuesday dinner guests of Mrs. Dale Witt. Mrs. Dale Witt and Valerie Smith called on Mr. and Mrs. Carl Begeman Saturday afternoon.

Jonnie and Susan Stam were Saturday afternoon visitors and luncheon guests of Mr. and Mrs. Bill Webb.

Mrs. Bill Toomb and Mrs. Mable Piercy called on Mrs. Tina Schiemer and Mrs. Dale Witt Sunday afternoon.

Wednesday afternoon, Mr. and Mrs. Harry Warren accompanied Mr. and Mrs. Irvin Topliff to Boise where they visited Mr. and Mrs. Greg Topliff and son and helped Greg celebrate his birthday.

Mr. and Mrs. Ray Simpson were Wednesday evening dinner guests of Mr. and Mrs. Alfred Simpson.

Sunday afternoon visitors in the Alfred Simpson home were Mrs. Carlene Savage and girls, Mrs. Carl Fenn, Mr. and Mrs. Gene Simpson and family and Mrs. Marion York and girls of Vale.

Mrs. Karen York and girls and Johnnie Simpson were Friday afternoon visitors in the Ray Simpson home.

Wednesday, Mr. and Mrs. Ray Simpson went to New Plymouth where they attended the funeral services for Roy K. Boggs. They were old friends in Colorado and have known one another since they were children.

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The Metric System

By Adriana Kunkel

Last week we discovered that a centimeter (cm) was one-hundredth of a meter. You can also use the prefix, centi-, in front of gram and liter. In either case it means one-hundredth of that unit. A centigram is one-hundredth of a gram. A centiliter is one-hundredth of a liter.

If you can remember that gram applies to weight, meter to length and liter to volume, then all you need to know in the metric system is a few prefixes. Centi- is one of them. Another very commonly used prefix is the "kilo-" which means thousand. A kilometer is a thousand meters. What is a kilogram? You'll become better acquainted with these metric units later on.

The unit I want you to become acquainted with in this exercise is the millimeter (milli- means one-thousandth). A millimeter (mm) is one-thousandth of a meter. It's so small it takes 10 millimeters to equal one centimeter. Twenty mms equal 2 cms. How many mms would three cms equal? One-half of a cm would mean one-half of 10 or 5 mms. (Your ruler will show you that there are ten spaces and nine line-marks in each centimeter. Each space is one mm long.)

1. Draw a frame that is 70 mms wide and 80 mms tall. Label the corners (starting clockwise at the upper left): A, B, C, and D.

2. On line-segment AB, 40 mms from A, place a dot and label it E.

3. On line-segment AD, 60 mms from A, place a dot and label it F. Draw line-segment EF.

4. On line-segment BC, 15 mms from C, place a dot and label it G.

5. On line-segment AD, 15 mms from D, place a dot and label it H. Draw line-segment HG.

6. On line-segment HG, 35 mms from H, place a dot and label it I. Draw line-segment EI.

7. On line-segment EI, 6 mms from I, place a dot and label it J. Draw line-segment FJ.

8. On line-segment DC, 8 mms from C, place a dot and label it K. Draw line-segment GK.

9. On line-segment DC, 8 mms from D, place a dot and label it L. Draw line-segment HL.

I think the picture will resemble something you recognize.

Kingman Kolony News

By Dale Witt

KINGMAN KOLONY - The Pollyanna Club will have their Annual Coffee for the Heart Fund and March of Dimes at the Herschel Thompson home, Thursday afternoon, February 5, from 2 p.m. to 5 p.m. Everyone is welcome, come and meet your neighbors. Cookies will be furnished by the club members.

Mr. and Mrs. Frank Rhodes had a Pitz birthday and anniversary dinner Sunday. Present were Mr. and Mrs. Paul Gehrke, Mr. and Mrs. Willis Conant, Mr. and Mrs. Tony Pittz and family of Owyhee Corners, Mr. and Mrs. John Pittz and family, Mr. and Mrs. Frank Pittz and family of Nyssa.

Mr. and Mrs. Jerry Freitag and Connie, Mrs. Charles Bowers and Mrs. Bill Toomb were Sunday guests of Mr. and Mrs. Jim Phifer.

Mr. and Mrs. Jim Phifer and Mr. and Mrs. LeRoy Sprague attended the Pancake supper at the Oregon Trail School Saturday evening and the Phifers spent

Your County

Agent Says

If you plan to or need to use some liquid feed supplements, there is some information developed at Squaw Butte Experiment Station that should be of interest to you.

These liquid feed supplements are primarily beet or cane molasses. There are some made of wood molasses.

The energy source is the molasses; protein source is urea; there should be calcium and phosphorus in the mix. Also vitamin A if fed to calves.

the evening in the Sprague home.

Mr. and Mrs. Carl Lee Hill and Terri were guests of Mr. and Mrs. Jim Phifer after the basketball game Friday evening.

Bible Study met Tuesday morning with Mrs. Bill Toomb.

Mr. and Mrs. Klaas Laan attended the funeral of Mrs. Letcher Hill at the funeral home in Nyssa Friday.

Mr. and Mrs. Bill Carish of Nu Acres were Sunday afternoon visitors of Mr. and Mrs. Klaas Laan.

Mr. and Mrs. Fay Collins of Parma were Sunday afternoon callers and evening dinner guests of Mr. and Mrs. Don Fox.

Reta Piercy of Ontario was a weekend guest of her parents, Mr. and Mrs. Carl Piercy.

Guests in the Carl Piercy home after the ball game were Mr. and Mrs. Dick Krieger and granddaughter Shelly, Mr. and Mrs. Gene Dockter, and Mr. and Mrs. Jerry Huntley.

Mr. and Mrs. Wayne Robb went to Yakima on business Friday, returning home Sunday.

News From Big Bend

By Goldie Roberts

BIG BEND - Mrs. Winifred Bennett returned home Wednesday from Marsing where she had been staying with Brenda and Mark Wood. Darrel English returned home Friday morning from the Caldwell Memorial Hospital.

Mrs. Dyre Roberts accompanied Mrs. Art Yensen of Parma and Mrs. John Miller of Greenleaf to Boise Wednesday where they were luncheon guests of Mrs. Robert Copey in Aldape Heights. They met as a special committee for Presbyterian Women.

Mr. and Mrs. John Packwood, Mr. and Mrs. Noel Tuppenny, Charles Witty, Ethel Smith and Winifred Bennett attended the Parma Citizens dinner Thursday.

Brad Roberts left Thursday for Hawaii where he will visit his sister, Mr. and Mrs. Tom Hopkins.

Mrs. Winifred Bennett picked up Mrs. Edna Cowling of Adrian Thursday afternoon and they helped K. I. Peterson of Adrian celebrate his birthday.

Mrs. Dyre Roberts attended the Happy Dozen Pinchle Club Friday afternoon at the home of Mrs. Mabel Piercy in Adrian. She was one of the prize winners.

Mrs. Floyd Wood of Marsing spent Friday with her mother, Mrs. Winifred Bennett.

Mrs. Darrell English, Mrs. Stan Thomas and Mrs. Dyre Roberts attended funeral services for Mrs. Evelyn Uria in Homedale Saturday morning.

Brenda Carlock and Susan Carroll surprised Donna White Saturday when they arrived with a birthday cake.

Some people believe that if no one kisses you on New Year's Day, you will have to wait for a whole year to be kissed again!

to help her celebrate. Mrs. Winifred Bennett was a Saturday luncheon guest of Mr. and Mrs. Clarence Kniefel in Parma.

Mr. and Mrs. Dallas Chaney, Deanna and Judy were weekend guests of Mr. and Mrs. Charlie Newell in Cascade, snowmobiling and tubing.

Mr. and Mrs. Leroy Bennett returned home Saturday evening from a two weeks tour of the Hawaiian Islands. Her sister, Mr. and Mrs. Bob Stubblefield of Parma were also on the tour.

Mr. and Mrs. Argie Warren of Roswell called on Mr. and Mrs. Darrell English Sunday afternoon.

Mr. and Mrs. Mike Sillonis attended the Adrian Fireman's Banquet at the Golden Slipper in Vale Saturday evening.

Mr. and Mrs. Elmer Wood, Mrs. Mary Wood and Mrs. Winifred Bennett attended a birthday party Sunday at the Floyd Wood home in Marsing for their granddaughter Brenda Wood.

Mrs. Ben Witty and Mrs. Noel Tuppenny attended Friendship Bible Study at the home of Mrs. Bernice Toomb in Kingman Kolony Tuesday morning. This was the last meeting of this series.

Another will be starting soon in Big Bend.

Mr. and Mrs. John Packwood attended a family dinner Monday at Pollard's in Caldwell honoring her brother, Perry Parrott of Ontario on his birthday.

Other guests were Mrs. Parrott, Mr. and Mrs. C. M. Nyhart of Ontario, and Mr. and Mrs. C. W. Musgrove of Marsing.

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