

SATURDAY MORNING, MAY 11, 1929.

**FIRST METHODIST  
EPISCOPAL CHURCH**  
Third and Bridger  
C. S. REYNOLDS, Pastor

**Mother's Day Services**

- 9:45—Bible School for Everyone
- 11:00—"Faith of Our Mothers"  
The Pastor Speaks
- 6:30—Epworth League  
For all Young People
- 7:30—Songs of Our Mothers
- A special program of music.  
Closing National Music Week

**CHRIST EPISCOPAL  
CHURCH**

REV. BOYD PARKER, Rector

APRIL 28, 1929

- Holy Communion 8:00 a. m.
- Church School 9:45 a. m.
- Morning Sermon 11:00 a. m.

**SCIENCE BULLETIN**

Published Weekly by the 9A Science Class of Las Vegas High School  
J. B. BRINLEY, Instructor

**THE SUN, MOON AND PLANETS**

By John Deherty  
Most everyone knows more or less about the earth but now I will tell you a little about the sun, moon and other planets.

The Sun, a small star, which is so large compared to our earth has a diameter of 886,540 miles. The flames on the sun leap millions of miles off in space, and one should hit the earth, nothing would be left but charred mountains and valleys.

The size of the planets and their distances from the sun are as follows:

Planet	Diam. in MIL.	Dist. from S.
Mercury	2,765	36,000,000
Venus	7,726	67,200,000
Earth	7,923	92,900,000
Mars	4,212	141,500,000
Jupiter	8,570	483,300,000
Saturn	69,780	886,000,000
Uranus	31,900	1,781,900,000
Neptune	34,900	2,791,600,000
Moon	2,163	(Ap. Same as Earth)
Sun	886,540	(as Earth)

**Mercury and Venus**  
The planets nearest the sun are Mercury and Venus. Mercury being less than 3,000 miles in diameter, is too small to retain any atmosphere.

Since it is so close to the sun it gets about seven times more light and heat than the earth.

Some markings indicate that Mercury keeps one side to the sun all the time, as does the moon to the earth; if this is so one face would be charred by the sun's heat, while the other side would be in perpetual darkness.

Venus has a diameter of little more than 7,700 miles and is nearly as large as the earth, sometimes called the twin planets.

Observations show that Venus has an atmosphere comparable to that of the earth.

Venus in many respects is similar to the earth and the possibility of its being inhabited by creatures analogous to those of the earth is more likely than in the case of any other planet.

**Mars, the Red Planet**  
The best known of all planets is Mars, sometimes known as the Red Planet. The reason for its fame is because it is relatively nearer the earth and observations show that it has a thin layer of atmosphere.

The diameter of Mars is a little over 4,000 miles, more than half the size of the earth.

Observations show that the day and night on Mars are about the same as that on earth. Mars receives only 44 per cent of the amount of light and heat received by the earth, since it is so far away. The general surface of Mars is a dull brick red.

**Jupiter**  
Jupiter is the largest of all planets and is in volume more than one thousand times as big as the earth. It has no fixed markings on its surface, but there are cloud-like bands, sometimes thousands of miles across, that develop and disappear in rapid succession.

Imagine the speed at which the huge planet rotates as it turns around once every nine hours and fifty-nine minutes (our time).

Jupiter has ten moons revolving around it. The largest ones are larger than the planet Mercury, and the smaller ones are less than 100 miles in diameter. The eight nearest moons revolve around it from west to east, the direction which the planet revolves, while the other two go in the opposite direction.

**Saturn**  
The planet Saturn is smaller and less dense than Jupiter. It has ten moons, the most remote of which revolves around it in a direction opposite to the others.

One thing that distinguishes Saturn from the other planets is the cloud-like rings around it. The rings have the appearance of be-

ing a solid mass. They are in reality swarms of particles of unknown size.

**Uranus**  
Uranus was discovered by William Herschel, a German musician who had migrated to England in 1781.

Uranus has a diameter of more than 30,000 miles. Four moons have been discovered revolving around it in planes which are almost at right angles to the plane of the planet's orbit. It is in an early stage of development and cannot possibly be the abode of life.

Uranus is 1,781,900,000 miles away.

**Neptune**  
Neptune is a little less than 35,000 miles in diameter. After the planet had been observed for a few weeks its orbit had been computed and its position it will occupy at any time can be determined.

Neptune is nearly 3,000,000,000 miles from the earth, and can be seen only with telescopic aid. Its distance is so great it takes light four hours to come to us, traveling at the rate of 186,200 miles per second or more than 11,000,000 miles per minute.

Neptune is so far that if a fast express train had left there in 1901 it would only be about a quarter of the way here now.

**CHURCH BOASTS**

**AGED QUARTET**

MARION, O., May 11. (UP)—A quartet composed of three great grandmothers and one grandmother and believed to be the only musical group of its kind in the state, if not in the country, is the disjunction of the Methodist Episcopal church here.

The three great grandmothers in the quartet are Mrs. Salina Reidenbaugh, 79; Mrs. Modestia Meister, 78; and Mrs. Louise Wanne, 76. Mrs. Caroline Wolfinger, 76, is the fourth member of the aged "song-birds."

The quartet was organized 10 years ago in the Ladies' Aid Society of the church then known as the German M. E. Church. At that time all the songs were sung in German. Three years later, Mrs. Reidenbaugh, coming from Lancaster, Pa., joined the three original members as sopranos, and being unable to read German although speaking it fluently, the songs were sung in English.

**BOYS TO DARE ATLANTIC IN SMALL BOAT**

By NEA Service

BRONSON, Mich., May 11—Five young men here have just completed tests for the 25-foot gasoline launch in which they expect to leave Toledo, O., on June 1 for a voyage to Hamburg, Germany. They will begin their 1700-mile voyage across the Atlantic from St. Johns, N. F., with the Irish coast as their goal.

The quintet who will defy Neptune's terrors in the tiny craft are Leppich, 31 years old, a veteran of the kaiser's armies; Conrad Kapatko, 21, nephew of Leppich; Henry Schmitter, 23; Lewis Sowers, 20 and Rudolph Bantle.

The five have been hard at work all winter building the two-ton launch in a barn. It has a six-cylinder gasoline engine and carries an auxiliary sail.

The sailors will drive in across Lake Michigan from St. Joseph to exhibit it at the motorboat show in Milwaukee.

The boys expect to be the first to cross the Atlantic in a home-made motorboat. They will start with 380 gallons of gasoline, 20 gallons of water and a four-weeks supply of food.

Except for the engine, the craft is all hand-made. It was named the Karf after Leppich's home town in Germany.

After the war, in which Leppich fought against the Russians around Warsaw and the French at Verdun, he came to America, and took a job as die-maker here. He has invested all his \$3000 savings in the materials that went into the launch.

The motor is to become his property in the event the voyage to Germany is successful. If it is not and his four companions plan to make a return voyage in it to the United States, probably late this summer.

**40 CHILDREN DIE IN FIRE**

MEXICO CITY, May 10 (UP)—Forty children were burned to death in a fire which spread thru the town of Xochilama. State of Guzmanhato, an unconfirmed dispatch to the Newsmag Prens from Iguala said today.

The dispatch said the fire which started in a nearby wood-cut off the town on two sides while the populace was asleep. The fire burned on until mid-day and destroyed the town. The dispatch continued. Municipal authorities at Iguala ordered aid sent.

**OPPOSITION TO  
HOOVER FARM  
BILL GROWING**

By PAUL R. MALLON  
United Press Staff Correspondent

WASHINGTON, May 10 (UP)—Administration forces in the senate are turning against the farm bill because it includes the disputed debenture provision and they propose to vote against the measure when it comes to a final vote Monday.

On the other hand the Democrats, solid almost to a man, together with the mid-western de-

partment, the "pseudo-Republicans," intend to support the bill. They will be joined by five or six Republicans who vote against the debenture provision but who do not wish to jeopardize the legislation.

After this complex overturn of the situation, the whips of both factions agreed in their polls today that the measure would undoubtedly be passed with the debenture plan included. They figure there will be only about 35 votes against it.

The switch in the lineup and the appearance of a dozen or more amendments led the leaders to abandon plans of voting upon the measure before midnight. Chairman McNary of the Senate Agriculture committee succeeded in getting an unanimous consent agreement adopted by which all debate on the measure after 3 p. m. Monday will be limited to ten minutes for each senator. The agreement will bring a vote late Monday.

Debate on the tariff was continued in the House, with little of general interest developing.

**CLEVELAND, May 11. (UP)—**Nine Ohio villages, bordering their big sister city, Cleveland, will graduate into the city class when Uncle Sam holds his 10 year graduation in 1930. The nine are: Shaker Heights, Euclid, Garfield, Heights, Parma, Bedford, Berea, Rocky River, Mayfield Heights and Newburg; all of which have officially passed the 5,000 population mark which entitles them to be classed as cities.

**FRESHMEN GIVE  
FINE PROGRAM**

The Freshman class, numbering some 90 members, today emerged from the shadows of insignificance and took on a decided personality as a class by presenting one of the best assembly programs of the school year.

If the shouts of laughter which filled the auditorium were any proof of excellence, the youngsters more than distinguished themselves.

Members of the upper grammar school grades were filled with glee by being allowed to attend the assembly, and there were many adults as well.

"The Last Sacrifice by Wild Nell" was a touching melodrama enacted by seven of the boys. No more appealing heroines could be asked for than Tom Carroll and Lee Dard as Lady Vere de Vere and Wild Nell.

"Jitney Riding" was an amusing skit in which seven girls took the part of a jitney, a young man and his best girl, in which flat tires played a large part.

"The Roomers," a one-act comedy, was cleverly put on by five Freshmen, special honors going to Elain Martin and Calvin Corey who underwent many embarrassing moments on account of being locked out of their rooms with just their—"you know" on. In other words an irate landlady and two frightened roomers in their nightgowns caused most of the merriment with a couple of newlyweds further complicating the scheme of things.

The program was as follows:  
The Last Sacrifice by Wild Nell,  
The Pet of the Plains,  
Cast of Characters

Lady Vere de Vere.....Tom Carroll  
Handsome Harry.....Bone Beckett  
Sitting Bull.....Ted Heman  
Bull Durham.....Cliff Smith  
Wild Nell.....Lee Ward  
Reader.....John Deherty

Jitney Riding  
Dora Nay, Mary Campbell, Grace Farrell, Joe Craner, Helen Miller, Helen Mesbach, Nelda Opydyk.

The Roomers  
A One-Act Comedy  
Eben Eastman.....Calvin Corey  
Martha Muggins.....Elain Martin  
Mr. Brown Mrs. Brown.....  
John Key, Wilma Whitte  
Betsey Boggs.....Ruth Bradshaw

**MONEY**  
to  
LOAN and BUY  
WHAT HAVE YOU?  
109 FREMONT ST.  
**MONEY**

**FREE MAP**  
OF  
Las Vegas AND Clark County  
NEVADA  
CALL OR MAIL THIS COUPON  
BOULDER DAM SERVICE BUREAU  
APPRAISALS AND INVESTIGATIONS  
Delkin Bldg. P. O. Box 792-G Las Vegas, Nev.

**LAS VEGAS  
Blueprinting  
SERVICE**  
J. B. MARKHAM, Mgr.  
307 SOUTH THIRD ST.

**MACHINE SHOP**  
EXPERT AUTOMOBILE  
REPAIRING  
A Fully Equipped Plant to  
handle any Repair Job  
Nevada Garage  
PHONE 135 113 SOUTH MAIN

**Read the Classified**

Here Since 1925

When we tell you that...

Every one of our offerings have made money for our clients, you can know that there is real meaning in the words---

"Here Since 1925"

"The Early Bird Gets the Big Fat Worm"  
---You Can Share It With Us

Dr. Roy W. Martin, Pres.



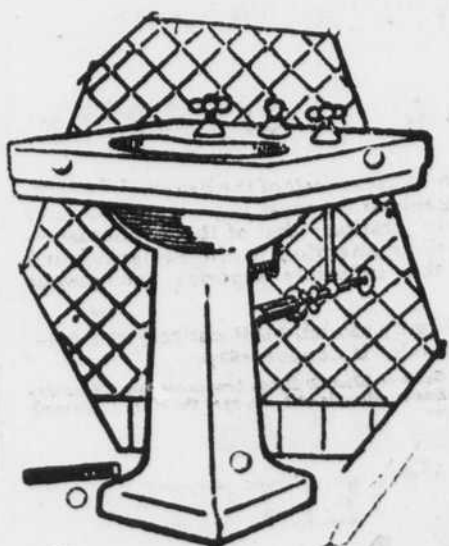
E. A. Ferron, Mgr.

STORAGE MOVING PACKING SHIPPING  
FIREPROOF STORAGE  
NORTH OR SOUTH—  
OR EAST OR WEST—  
WE MOVE WITH CARE,  
WE MOVE YOU BEST!

**Las Vegas Transfer & Taxi Co.**  
19 1/2 Fremont Street  
Res. Phone 230 Office Phone 210  
Las Vegas, Nevada

**Christ Died**  
For The Ungodly  
ROM. 5: 6

**WESTSIDE MISSION**  
The Little Mission  
with a Big Vision  
F. C. MORENO, Pastor



**Modern Plumbing  
FIXTURES**

THE GREATEST ASSET TO ANY HOME  
Sheet Metal Work Plumbing  
Most complete and modern shop in So. Nevada  
Just Phone 224 First Near Carson

**O K Plumbing Shop**

**40 CHILDREN  
DIE IN FIRE**

MEXICO CITY, May 10 (UP)—Forty children were burned to death in a fire which spread thru the town of Xochilama. State of Guzmanhato, an unconfirmed dispatch to the Newsmag Prens from Iguala said today.

Read The AGE for LOCAL NEWS

**Important Notice!!**

Our present prices were pre-opening prices---

The High-Class quality of our improvements and restrictions warrant an increase---

The opinion of Senator Key Pittman--"that work on Boulder Dam will start June 23"--also warrants this increase---

The opinion of Louis C. Hill, Noted Government Expert, "that the Dam can be completed in 5 to 6 years," also warrants an increase.

**ARTESIAN PARK ESTATES**

ON AND AFTER JUNE 1st all residence lots will be INCREASED 10 per ct. Income and business lots 20 per cent

This Is Your Opportunity

GET YOUR LOT RIGHT NOW

**T. J. LAWRENCE, Incorporated**  
701 West Sixth Street, Los Angeles, California TUCKER 3216  
218 Fremont Street, Las Vegas, Nevada Telephone 322