

THE SEMI-WEEKLY NEWS

Issued Mondays and Thursdays
and Contains All the Cream of
the Daily and Saturday News.

LOCAL BRIEFS.

New Art Windows.—The new art windows for St. Mary's cathedral are expected to arrive within the next few days from Munich, Bavaria. They were shipped from that place some time ago.

New School Desks.—The committee on buildings and grounds of the city board of education will open bids on school desks. This is the largest order yet placed by the board in the line suggested. The desks will be ready for the September opening of school.

Mutual Improvement Program.—The presidents of the Mutual Improvement associations are again reminded that if they wish to have their programs for Sunday night complete meetings printed in the Saturday News, they must send them to the "News" office by 10 o'clock Saturday morning.

Orphanage Exercises.—The closing exercises of St. Ann's orphanage will take place this evening. They occur upon and are in part in commemoration of the nineteenth anniversary of the consecration of the Rt. Rev. Bishop Scammon. The exercises are expected to be very interesting and the public is cordially invited to attend.

Arrested at Salt Lake.—Deputy Sheriff Booth last night arrested Fred Jesky at Salt Lake for drunkenness, and sending an officer. The man was in a fighting mood and created a disturbance on the dance floor and when the deputy undertook to arrest him he resisted. He was finally handcuffed and brought to the county jail where he will await a hearing.

Wife Beater's Case.—When the case of J. D. Murphy, charged with wife-beating, was called in the criminal division of the city court yesterday afternoon, the defendant stated that his friends had been unable to procure the services of an attorney in his behalf, and he therefore asked that the case go over until Saturday. Judge Dohi granted the request, but stated that Murphy should be ready for trial at that time.

Cars Collided.—Car No. 72 of the Waterloo line and Poplar Grove car 96 had a slight mixup on lower Main street last evening. The first mentioned car ran into the rear of the other, somewhat injuring the back platform, and in turn had a window smashed. The conductor of the Waterloo car was thrown to the ground, and the passengers were frightened, but no one was injured, and each car went its respective way.

President Roosevelt's Signature.—The senate recently passed Congressmen Howell's bill to reimburse Fred Dickson of Fort Duchesne in the sum of \$155.65 for the loss of his tools in a fire which destroyed the engine house at the Fort Duchesne barracks several years ago. Inasmuch as the bill was introduced in and passed by the house some time ago, there was no formality of the president attaching his signature in order for it to become effective.

Her Mind Unbalanced.—A young woman, whose name was not given, was taken to police headquarters yesterday afternoon by Officer Evans. The young woman was trembling violently and seemed to be in terror about something. She made no response whatever to questions asked her and the cause of her unfortunate condition of mind could not be learned. After being taken to the city jail, she was taken to the county jail but later was called for by relatives.

He "Butted In."—James Kennedy "butted in" when George McDonald was talking to his lady love on State and Second south streets last evening, there was a lively mix up which resulted in the arrest of both men, who are colored. Officers Moore and Lyons took the dusky fighters to the city jail, but they were released after promising to be good. McDonald said: "Dis yer Kennedy done got jealous and done butted in w'en I was talking to mah lady fren. He handled me one an den we done mix up some."

Cadet Child of Oden.—Word has just been received here to the effect that naval cadet W. Gerald Child of Oden whom Congressman Howell appointed to Annapolis three years ago, has achieved a great distinction on account of his excellent record and standing. He has been selected as one of 80 out of his class now numbering 219, to remain over at the academy to complete a summer course, and to graduate in September of this year, which is seven or eight months in advance of the regular time for graduation. He stands forty-ninth in his class at present; serious trouble with his eyesight has handicapped him greatly of late, but the prospect is that he will pull through for he is among the first 50 at the final.

Government Jobs.—Civil service examinations for various government commissions will be held at Salt Lake on the following dates and for the positions named: July 18, for the position of farmer with a knowledge of irrigation in the Indian service at the Navajo agency, New Mexico. The salary is \$720 a year and the age limit is 20 years or over. July 22, for the position of poultryman in the Indian service at Chilocco, Okla., at a salary of \$500 a year. The age limit is 20 years or over. July 25, for the position of planning and foreman in the United States penitentiary at Leavenworth, Kan., at a salary of \$100 a month. The age limit is 20 years or over. For further information apply to Orriswell Williams at the money order department of the Salt Lake postoffice.

Zion's Savings Bank and Trust Co., the largest and oldest Savings Bank in Utah, pays a 4 per cent interest on any amount from \$1 to \$5,000. Write to us Joseph F. Smith, President; George M. Cannon, Cashier.

THE C. S. MARTIN COAL CO.
Office, No. 4 W. First South.
Both Phones No. 520.

BASEBALL EXCURSION TO EUREKA
Sunday July 1

Via Salt Lake Route, \$2.00 round trip. Eureka vs. Ogden. Special train leaves Salt Lake 8:25 a. m. Special returning 8:45 p. m.

For "that tired feeling" there's nothing better than a trip to Calders.

On the tables of all first class cafes and homes—Vienna Bakery Bread.

Dr. J. Boyd Gordon, Dentist, 256 S. Main

THE SEMI-WEEKLY NEWS

Importance of This Power as
An Agent in Civilization.

NATURE CLASS AT FURRIER'S.

What Heat Can Do, the Subject of Various Interesting Stories and Experiments at U. of U.

Prof. Cummings, at the U. of U. yesterday began the lesson by remarking that each hair of animals differs from the hair of other species as much as the countenance of one person differs from that of another. Each species has its characteristic kind distinguishable under the microscope—a fact often used in murder trials to ascertain the presence or absence of human hair upon bloodstained weapons. In this way, experts recognize the hair of every known species, and often give evidence in court proceedings which decide the verdict of the jury. To make practical tests of fur, Mr. Mahoney, the furrier, is today entertaining the class at his establishment on State street, where the teachers are learning the mysteries of the furrier's delicate art.

WHEN HEAT BECAME MAN'S SERVANT.

Man first learned the use of heat while human communities were yet in the hunting stage. Then men learned the use of fire in shaping weapons and in drying pottery. Perhaps some great fire first revealed the effect of intense heat upon bodies or bits of ore, leading men to reproduce the conditions and to smelt the iron. Some warrior died in battle (for so runs early tradition and folklore) turning his energies in the direction of the manufacture of spears and axes, was enabled by coal and secret observation and experiment to make those articles for the other members of the tribe who could hunt or go to war. Strange stories are told of the early smiths, whose interest it was to encourage the belief that the power to shape iron weapons was supernatural in its character. The huntsman would approach the metal worker's retreat, which he was not permitted to enter or come too near, and would hang in a conspicuous place a leaf shaped like the weapon he desired to get made, together with a quarter of meat or some other object useful to the smith. Next day a weapon of the desired kind would be found in the place of those articles—a change which the primitive folk could account for only by the magical power of the mysterious man who dwelt in the obscure forest retreat to which the uninitiated were not permitted access. The revolution which came to human life with the advent of metallurgy—the birth, almost, of all the mechanical industries—was due to the conscious use of heat as the servant of man. Hence the importance of this subject.

EXPERIMENTS WITH HEAT.

Only very simple and inexpensive apparatus is required for the teaching of nature study in the common schools. Thus in the study of heat we begin with the child himself and experiment with him. Take two vessels, one containing very warm (not boiling) water and one containing very cold water. Have a third vessel with water about the temperature of the air. The pupils hold one of their hands in the hot water as long as they can and then plunge it into the water of medium heat. The other hand they hold in the cold water and plunge into the water that is neither hot nor cold. In this situation the two hands report differently. One hand says the medium water is very cold, the other that it is very warm. To order words, our bodies feel warmth when they are receiving heat, and cold when they are giving off warmth. If we go from the warm house in winter into the barn, the latter feels cold, but if we go from the barn into the house on the same day, it seems like a warm place. The temperature sense is thus relative in our experience of it, but may be cultivated by practice, as well as tested by experiment. The student gauges at the temperature of the water, then test it by the thermometer, then the cold and warm waters are mingled, and they guess again at the "feel" of the water, what the thermometer shows. In this way they learn to judge a difference of 20 or 10 or even five degrees, till they become able to judge the actual temperature with an approach to accuracy.

MEASURING THE HEAT.

At this point the study of the thermometer is taken up in an experimental way. Fahrenheit, the French philosopher who invented the instrument was commonly used, supposed, from the experiments he had made, that at 32 degrees below the freezing point of water all substances would have the same temperature of absolute cold. Modern science has shown, however, that heat can be taken from substances at below this point—that air for example can be cooled down to perhaps 400 degrees below the freezing point of water and then the air liquefies. The centrifugal and ordinary thermometers were then compared and the mathematics of their uses applied to school work.

PROPERTIES OF HEAT.

The various powers or properties of heat were experimentally demonstrated in an interesting manner by means of simple apparatus. (1) Conductivity of various substances shown by the lamp, the wires, and wax-balls, the sawdust wrapped in a blanket to keep cold. (2) Expansion and contraction of matter by means of the lamp, the flask, and the vessel of water, also of solids by small rods of metal and the index pointer. (3) Radiation by the sun's rays. (4) Convection and conduction of heat by means of a candle, a glass of water, and a thermometer. (5) Absorption, by means of test tubes containing ice and water respectively with a given amount of heat applied to each—shows amount of latent or absorbed heat; also the boiling kettle in which the water gets no hotter, the melting snow and how much heat it absorbs as so on, in small experiments. (6) Heat as a force. Illustrated by the miniature steam engine, the bursting closed tube when heated with water therein; how heat softens, burns, melts, hardens, strengthens, weakens, cooks, preserves, or cleanses the various substances to which it is applied.

THE HUMAN FISH AT SALT LAKE.

WALLPAPER.

Paints, Mouldings, Burlaps, etc., at lowest prices.

GEO. W. EBERT & CO.

L. D. S. MEXICO SETTLEMENTS.

The Salt Lake Route, Utah's most popular road, has an excursion rate to the City of Mexico and return. Phone 1848 at once or write to J. H. Turner, D. P. A.

CHURCH NOTICES.

The regular monthly meeting of the Salt Lake Stake Relief society will be held in the Fourteenth ward assembly room Saturday, June 30, at 2 p. m.

CLARISSA S. WILLIAMS,
HARRIET B. HARKER,
GEORGINA FOX YOUNG,
Stake Presidency.

The regular monthly meeting of the high priests' quorum of the Pioneer Stake of Zion will be held in the high priesthood room of the stake hall, Sunday, July 1, at 10 o'clock.

DAVID MCKENZIE,
HUGH WATSON,
JAMES LEATHAM,
Quorum Presidency.

The regular monthly stake priesthood meeting of the Pioneer Stake of Zion will be held Monday evening, July 2, 1906, at 7:30 in the stake hall. All the priesthood of the stake are invited.

WM. McLAUCHLAN,
SYLVESTER Q. CANNON,
CHARLES H. HYDE,
Stake Presidency.

The regular home missionary meeting of the Pioneer stake will be held Tuesday evening, July 3, 1906, at 7:30 in the high priesthood room of the stake hall.

WM. McLAUCHLAN,
SYLVESTER Q. CANNON,
CHARLES H. HYDE,
Stake Presidency.

The high priest quorum of Liberty stake will hold its regular monthly meeting in the Second ward meetinghouse on Monday evening, July 2, at 7:30. A full attendance is desired.

WILFORD WOODRUFF, JR.,
JOHN D. H. McALLISTER,
Presidency.

The high priest quorum of this Ensign stake will hold its regular monthly meeting in room 33 Brigham Young Memorial building next Monday evening, July 2, commencing at half past seven o'clock. A full attendance is desired.

HAMILTON G. PARK,
JOSEPH H. FELT,
LEVI W. RICHARDS,
Presidency.

The regular monthly meeting of the high priests' quorum of the Jordan stake will be held in the Crescent ward meetinghouse, Saturday, June 30, 1906, at 2 o'clock p. m. A good attendance is desired.

ROBERT ELLWOOD,
JOSEPH T. WILLIAMS,
NEALS ANDERSEN,
Presidency.

The regular monthly meeting of the priesthood of the Granite stake will be held at the stake tabernacle on Saturday, June 30, 1906, at 10 a. m. A full attendance is desired.

FRANK T. FAYLOR,
EDWIN BENNION,
JOHN M. CANNON,
Stake Presidency.

WHEN SLEEP FAILS.

Take Horsford's Acid Phosphate. Half a teaspoon in half a glass of water just before retiring brings refreshing sleep.

TEMPLE NOTICES.

The Salt Lake temple will close Friday evening, June 29 and reopen, Tuesday, Aug. 7, 1906.

JOSEPH F. SMITH,
President.

The St. George temple will close its doors on Friday, June 29, and will not reopen again until Tuesday, Aug. 23, 1906.

DAVID H. CANNON,
President.

The Mantle temple will be closed July 20, and open for ordinance work, Sept. 4, 1906.

JOHN D. T. McALLISTER,
President.

UNKNOWN FRIENDS.

There are many people who have used Chamberlain's Colic, Cholera and Diarrhoea Remedy with splendid results, but who are unknown because they have hesitated about giving a testimonial of their experience. It is well known for its remedy. They have done much toward making it a household word by their personal recommendations to friends and neighbors. It is a good medicine to have in the home and all forms of bowels trouble. For sale by all druggists.

Say Mount's to your grocer next time you buy Chow Chow for the table, and get the best market afford.

L. D. S. MEXICO SETTLEMENTS.

The Salt Lake Route, Utah's most popular road, has an excursion rate to the City of Mexico and return. Phone 1848 at once or write to J. H. Turner, D. P. A.

"If a man does not make new acquaintances as he passes through life he will soon find himself left alone. A man must keep his friendship in constant repair."—News want ads. have introduced more people to each other in this city than have met through any other means.

BASEBALL EXCURSION TO EUREKA.

Sunday July 1

Via Salt Lake Route, \$2.00 round trip. Eureka vs. Ogden. Special train leaves Salt Lake 8:25 a. m. Special returning 8:45 p. m.

Mothers, send the children to Calders. We'll take care of them.

OUTING EXCURSION NORTH.

June 30th.

Via Oregon Short Line. Greatly reduced rates to northern Utah and Idaho points, and long limits. Idaho streams are famed for excellent fishing. See agents for full details.

CITY TICKET OFFICE 201 Main St.

Theater open at Salt Lake this week.

FOR SALE—REAL ESTATE.

We offer 22 of FOREST DALE'S CHOICEST BUILDING LOTS for cash or on instalments to home builders. East of the new Forest Dale School, the finest school building in county, and near the grounds of the Country Club. Water mains in front of every lot; 120 per lot will buy these lots now.

ZION'S SAVINGS BANK & TRUST CO.
GEO. M. CANNON, Cashier.

2-BR. FRAME, MODERN, NORTH Temple street, 100 ft. front, \$2,500. 4-room, brick, modern, good cellar, lot 17,500 ft. \$3,000; \$600 cash balance, \$14 a month.

HIBBARD INV. CO.,
112 West Second Street.
Both Phones 13.

WILL SELL YOU AT A BARGAIN vacant lots, a cottage or a model house in any part of the city. Jas. K. Shaw & Co., over 125 Main.

SEE HOUSTON, THE HOUSES, 23 Main Street.

Will buy my ranch in Parley's Park, close to Park City, \$1,000 cash, balance on easy terms. For further particulars, call on or write to H. O. Young, 327 South 5th East St., Salt Lake City.

FOR SALE OR RENT.

The Drubay residence, located 517 Summer St., between 5th and 6th South and 5th and 6th West, consisting of 8 rooms, water and electric lights in the house, either furnished or unfurnished, on very easy terms. The lot 50 x 120 ft. alley. Choice location for railroad men.

A RICHTER,
19 West First South.
Both Phones 641.

QUICK BIDS AND SALES IN REAL estate and commercial stocks. Maritime & Clark, Herald Building. Both phones.

BUY AND SELL REAL ESTATE through Cannon & Cannon, 18 E. So. Temple St.

SEE BUCKWALTER & SERMON FOR sale in Real Estate and Loans. Room 27 Atlas Block.

ROMNEY-KIMBALL AGENCY HAN- dles first class REAL ESTATE, STOCKS and BONDS. Consult us before buying or selling. Honest prices. 215 Herald Bldg.

LIST YOUR REALTY WITH US. We have bargains. Manager, 60 E. 2nd South.

WE SELL REAL ESTATE, that's all. Tuttle Bros., red ball signs. 140 Main St.

IN BUYING OR SELLING SEE THE RANCK REAL ESTATE & INV. CO., Suite 202 E. F. Walker Building.

LIST YOUR HOUSES AND LOTS with us. We have big demands for improved and vacant lots. Anderson R. E. Inv. Co., 304 Herald Building.

LIST YOUR PROPERTY WITH Dorius Real Estate Inv. & Inv. Co., 213 Atlas Bldg. Phone 514.

124 ACRES GOOD GARDEN and pasture ground, 1 mile east of State Road and Social Hall. Enquire Charles Butterfield, Murray.

LIST YOUR PROPERTY FOR SALE with us. We have big demands for improved and vacant lots. Anderson R. E. Inv. Co., 304 Herald Building.

FOR RENT.

MEAT MARKET and ALL FIXTURES with icebox, for 10 a month, a good business. The owner is away for two years. 72 E. 3rd South Street.

THREE-ROOM BRICK PANTRY, closet, rear 35 South 6th East St.

7-ROOM MODERN HOUSE, HOT water heat, gas for cooking, \$75 Sixth St. \$135.00.

TWO MODERN BRICK COTTAGES, close in, Deseret Savings Bank.

A GOOD BASEMENT, ENQUIRE H. H. Cummings, 4 E. South Temple St.

SEWING MACHINES 10 PER MONTH. White office, 20 W. 1st St. Phone 122-3.

VACANT HOUSES, TEL. 2.

8 HOUSES ALL PRICES AND KINDS. Tuttle Bros., 101 Main St. Red Ball Signs.

CALL UP TEL. 2 FOR HOUSES.

BURN LEATHER NOVELTIES.

GET YOUR LEATHER FOR PORTAL pillows from J. E. Kenyon, 23 W. South Temple St. Bell Phone 286-7.

LOST.

BETWEEN TEMPLETON BLDG. and Canton Park, a pig set with diamond of wild rose. Finder please return to Deseret News Book Store. Reward.

ONE LARGE LIGHT BAY DRIVING horse, shod, free, mass cut close. Liberal reward for return to Fifth Ward Street. Bell phone 129-2.

OR STRAYED, ONE BAY MARE, branded X on shoulder, one steel mare, branded X on shoulder. Both had halters. Return to Wm. Spry, Federal Bldg. Reward.

SMALL BAY MARE, 4 YEARS OLD, sign in right ear, no brand, good reward. Notify Bell phone 230-2.

ON TRAIN SUNDAY BETWEEN Provo and city, clover brooch with diamond center. Reward. Belle Photo Supply Co.

SCHOOL OF DRESSMAKING.

To dress well at half the former cost, attend Katherine's Ladies' Tailoring College. Logan, Utah. Cutting, dressmaking, high class tailoring. Booklet free. J. E. Wilson, Mgr.

CASH REGISTERS.

NATIONAL CASH REGISTERS. Oscar Grosbeck, sales agent for Utah. Expert cash register repairing. No. 31, Main Street.

MOVING AND STORAGE.

KIMBALL'S VAN & STORAGE CO., 11 W. First South Street. Both Phones.

GROCERY STORE, WITH LIVING rooms attached, acquire 514 W. 2nd North Street. Phone 124.

HEADQUARTERS FOR HERRING-Hall-Martin safe Co. safe manufacturers of the genuine Hall safe and Locks. Call or write Utah Building, 6 E. 2nd St., corner 5th North and 2nd West Street. Salt Lake City.

OLD NEWSPAPERS FOR WRAPPING (1) cent per pound. Apply Deseret News office.

A FINE SPAN OF YOUNG HORSES, horse and buggy, new outfit, acquire 50 South First West Street.

CONTRACTORS AND ARCHITECTS. It will be to your interest to investigate the Philippine Canal Road. See agents for full details.

SHAFTING, BELTING, PULLEYS, etc., in best class condition. It interested, see M. E. Park, Business Office, Deseret News office.

PET GOATS FOR A SHORT TIME only, we are selling a few of our beautiful full bred Angora kids at the very low price of \$7 each, two for \$12. No home complete without one of these beautiful little friends to play with children. Besides being a most charming pet are also very profitable, their long silky mohair will grow to a good length in a short time. Any good drivers an small vehicles. Send to us, tomorrow it may be too late. Address F. H. Hamilton, Kansas Kansas Co., Utah.

\$500 RANCH SADDLE, BRIDLE and spurs, in good condition, \$25.00. 2 South Fourth East Street.

A MODERN NEW BRICK HOTEL, 40 rooms, State St., Murray, \$10,000. Murray Real Est. & Inv. Co., F. C. Howe, Mgr., over 125 Main.

20 ACRES, FIRST CLASS WATER front, located on Fremont River, near Torrey, 7-room house, modern granary, corral and shed, the cattle ranch and farm, range of all sides, crop all in. For further particulars address John R. Stewart, Torrey, Wayne Co., Utah.

5 FRESH MILK COWS, A No. 1, FOR sale. Phone 1044.

A FIRST CLASS MERCANTILE Business near Sugar Factory in a thriving town of about 100 inhabitants. Best location in the town. For particulars address R. P. O. Box G, Garland, Boulder Co., Utah.

SPRAY YOUR TREES, ARSENATE OF LEAD, THE BEST AND MOST EFFECTIVE SPRAY. WRITE US FOR PARTICULARS AND PRICES. C. S. MARTIN CO., STATE AGENTS, UTAH AND IDAHO.

AT YOUR OWN PRICE. FURNITURE, carpets, stoves and ranges. I. K. L. Furniture Removal Sale.

2nd-hand furniture, carpets, stoves, bicycles. Star Furniture Co., 315 State St. 98-K.

MOVING, PACKING, SHIPPING.

THE REDMAN VAN & STORAGE CO., only firm in the city owning and controlling its own trucks, and carrying large three-horse vans, two large warehouses, expert furniture packers, can ship goods to any part of the United States and save you money. Members of the New York Furniture Warehousemen's association. Have correspondents in all the principal cities. If you want your goods shipped from any point east or west, or to any foreign port, other than our own, we will connect with other lines, and make it possible to save you money and trouble. Office, 115-117 West Temple Street. Both Phones 32.

SIGNS, SCENERY, ETC.

PETERSON, 4 RICHARDS ST. Phone 105-K. Metal sign, banners, etc.

TAILORS.

WM. J. GRACE, 10 W. S. Temple St. New prices, satisfaction guaranteed.

N. P. Anderson, 14 E. S. Temple St. New prices, good work. Phone 222-7.

SCHLIEF & CO., MERCHANT TAILORS, 60 West Second St. Low prices.

LADIES' GARMENTS.

LADIES, SUITS, SPRING JACKETS, skirts, shirt waists, evening gowns, waists and hats, almost new, at your own price. 31 East 2nd South Street.

DRESSMAKING AND REPAIRING.

Ladies Tailor-made Suits and all kinds of dressmaking. Prices reasonable. Mrs. C. W. Cowdin, 314 Constitution Bldg. Phone 242. Tel. 262-3.

GOWNS.

MRS. S. T. BENEDICT, DRESSMAKING, 204 Templeton Building.

HEALTH FOODS.

THE BATTLE CREEK SANITARIUM, Health Food, 125 Main St. Phone 129-7.

BICYCLE REPAIRING.

NATIONAL AND STERLING.

Fred C. Sanford, 21 State Street.

ELECTRIC MACHINE REPAIRING.

WIRING PLANTS INSTALLED