

HOME EDUCATION

"The Child's First School Is the Family"—Froebel

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Have You These Number Helps?

VIOLA E. HOLLEY

Little Tommy, the youngest of the family, had become interested in numbers. He liked to count the oranges that he brought to his mother when she was preparing breakfast. He counted the glasses of water on the table. He found things among his toys, too, that he could count or carry to someone with the question, "How many are there?"

It happened that about this time his mother took him and his older brothers for a long visit with their grandparents. There they found an environment especially rich in material that urged Tommy on in his new interest. The things they discovered were not unattractive to him. They might be found in any home, but they are not always thought of as holding so many possibilities for learning as Tommy found in them at just this time when he felt such an eager interest in numbers.

In the first place there was a clock that struck the hour and the half hour. This was something new to the child and he liked to count the strokes. He began asking questions about the time. Grandpa would take his watch on such occasions and explain to him the figures on the dial and how to tell time. Soon Tommy could tell the hour, then the half hour, and gradually learned the quarter intervals.

These were interesting things hung up on the walls in this home. Tom was a calendar with unusually large figures. He liked to often climb on a chair that stood beneath it and counted off the days, pointing to each number as he said it. In this way he learned to count farther than he could before and he came to associate the numbers with the days of the week, with the symbols representing the months.

Fox River Grove

Mr. and Mrs. Carl Olmstead visited with Henry Olson at the Speedway Veterans Hospital Christmas day. Mr. Olson, who is a Fox River Grove Legion man and has been confined to the hospital for the past three weeks with complications of old wounds, in his words, "The Olmsteads were in Chicago to spend the holidays with Mr. Olmstead's mother. They returned home Thursday."

Mr. and Mrs. George Greco enjoyed the holidays at the home of Mr. and Mrs. Salvatore Granata, parents of Mrs. Greco, of Chicago, and Mrs. Charles Catronotta and daughter. This was the first time they have been related with relatives in Chicago Christmas day. Mr. and Mrs. C. Catronotta drove to Chicago Sunday afternoon receiving word of the death of a relative.

Mr. and Mrs. John Thibien celebrated their silver wedding anniversary at the home of Mrs. Thibien's son, Frank Nagel, Sunday. It was a surprise party and was attended by 75 relatives and many friends. The golden wedding anniversary of Mr. Nagel's uncle and aunt was also celebrated at this time.

Mr. and Mrs. Edward Feneb and son Tommy and Mrs. J. Zornow were Christmas guests at the home of Mr. and Mrs. Ed Dillon.

Mr. and Mrs. Louis Cernocky Jr. and son Robert, with Tom Hancock, were guests at the home of Mrs. Emma Opatry Christmas Eve.

George Greco drove to Chicago to visit with his brothers Saturday. Members of Fox River Grove unit 119 of the Legion Auxiliary held their executive meeting at the home of Mrs. Max Haber, Mrs. Alice Catronotta, president presided. Plans were discussed for the February meeting, when they are hosts to the Melchior county council. Mrs. Ida Nagel was

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Efficiency of Fins Aid Fish to Be So Gracious

The conspicuous graceful organs of fishes are the fins. The fins are composed of non-bony rods through the movement of which locomotion is accomplished. The high speed of most fishes is due to the fact that the fins are able to attain their full efficiency. The dorsal fin, the most powerful of which is the caudal fin. The pectoral fins are located on either side of the body and correspond to the hind legs of an animal, says a writer in the Washington Star. The uppermost fin is called the dorsal fin, and sometimes is divided into two or even three parts, appearing to be distinct and not uncommonly termed "sailfin fins." The remaining dorsal members are known as the anal fin and, like the dorsal, may be composed of spines, rays and finlets. Grown variations occur in shape, size, division, position and function of the fins of different species, thereby offering characteristics which serve in a big measure for classification.

Organs common to higher animals are found in fishes. The ear, an internal chamber, lies near the brain, but it has no opening to the exterior. It is the otolith, a mass of stones, which function, apparently, in determining the equilibrium so necessary to fish life. It is highly probable that the ear shares with the lateral line the recording and interpretation of sound waves.

Neutrals are present but their play in the fish make-up is not clearly understood. Though external openings are present, the neutral pits do not extend back to the throat, and no apparent assistance is rendered to respiration.

Experiment With Camels Did Not Last Long Here

In 1855, when Jefferson Davis was secretary of war at Washington, he had the camel introduced to the Southern Confederacy in a bet between the states-congress appropriated \$3000 for the purchase of camels to be used in military operations in the dry regions of the Southwest territory. The camels were brought to this country by David D. Porter, afterward to become famous as admiral of the navy, who was designated to carry a vessel to go to Egypt and buy the camels. The ship returned with thirty-three camels and several male camels. The animals cost \$200 each. Next year another shipment of camels arrived, and the lots were concentrated at Camp Texas, Texas, and a permanent camp was established to breed the animals and experiment in their use.

During 1857, according to the Kansas City Times, camels were used occasionally in short scouting expeditions and in building a wagon road to Fort Defiance, N. M., by the eastern frontier of California. Lieutenant Beale, in charge, was so enthusiastic about their use, that he recommended the purchase of 1,000 camels, but congress took no action on this proposal.

The outbreak of the Civil war in 1861 led to the exploring expeditions with the camels. In March, 1861, all of them had been sold, mostly to circus.

Male Stay Home Nights

Male ostriches of the Old world type live in staying home nights especially during the breeding season. Adult ostriches take turns sitting at night and the female cools the day track.

Derivation of Word "Budget"

The word "budget" is derived from the old French "bougette," meaning a wallet. The use of the word in its present sense is from the custom of bringing into the house of commons all the papers pertaining to matters of expenditure and laying them on the table.

Miller Bros. Fun & Facts

Right here we want to join with the rest of your friends with a good hearty, "Happy New Year!" and we mean every word of it.

It is now open season for Christmas "thank you" letters. You get letters thanking you for gifts the wife sent, and you write letters thanking friends for socks when they sent you a tie.

This week's inventory title for the Miller Bros. We're still dizzy from looking at the column of figures.

Just when we are getting used to writing it "1935," another year comes calling along.

Thinking back over the last twelve months, however, we realize that we have crowded a lot of activities into them.

Isn't it true, therefore, that we have a holiday season that gives us an opportunity to forget all about business and think of our friends?

Library News

New adult books added: "Discovers" Byrd; "Book of Natural History"; "Hawks"; "Exploring the Upper Atmosphere"; "Fishes"; "Mrs. Aator's Horse"; "Walker: Old Jules"; "Sandos"; "I Write As Please"; "Darnany"; "Seven League Boots"; "Halliburton"; "Woolcott Reader"; "Woolcott"; "Mr. and Mrs. Hattie Lippold of Crystal Lake"; "Mrs. Ella Hager"; "Mrs. Oliver Fests and Louis DeWit"; "Mrs. and Mrs. Leo Riley and children, Frances and Lawrence, and Mr. and Mrs. Jesse Lovellette"; "Mrs. and Mrs. Harold Hokeley." Besides these new titles, 24 books for children, and 13 re-placements and new copies of old books have been added.

Resistance of Glass to Crushing Is Very Great

Although glass has been known a long time and is even found in nature as obsidian, a black opaque stone, it has remained for the scientist to show what a weak material "as brittle as glass" is an old saying which cannot be said to be as truthful any more. In fact, glass will maintain its shape under pressure which will make metals bend like putty," says Popular Mechanics Magazine.

This is hard to believe, but tests at a glass factory, which every child of glass from bottle glass to that of the largest telescope made, clearly show that this is true. The resistance of glass to crushing is extremely great. It would take about 300 tons, or 700,000 pounds, to crush a two-inch cube of hard glass. Even cast iron will yield before this hard glass.

There are three main kinds of glass. There is the soda lime variety which goes to make up bottles and window panes. Sand, lime and carbonate of soda are the ordinary washing soda, go into such uses. Lead glass contains lead salts in place of lime. The cut glass, so popular years ago, was lead glass that had great brilliance and can be given a high polish. Glass can be made with so much lead in it that its weight will be equal to that of gray cast iron. Such glass can be used to protect X-ray technicians against the dangerous effect of these rays.

Tularemia in Rabbits The descriptions of diseases and parasites which afflict rabbits are all in a large book, but none of them are so common as tularemia. Tularemia was discovered among rabbits near Tulare, Calif. As yet no one has been found among animals other than wild rabbits and a few small rodents, but experiments have developed that tame rabbits and live stock, as well as man, are susceptible. The disease is carried from infected rabbits to man by the wood tick, the deer fly, and the rabbit flea. It is transmitted to man by the wood tick, the deer fly, and by handling and dressing of infected rabbit carcasses. The cause of the disease will show numerous spots on the liver and spleen—Missouri farmer.

Cuba Township

Mrs. Mary Lageschulte, Mr. and Mrs. Elmer Pichen and daughter, Shirley of Cary and Mr. and Mrs. Charles Mavis and daughter, Crystal of Algonquin and Emma Hager were Christmas guests of Mr. and Mrs. Leo Riley and children, Frances and Lawrence, and Mr. and Mrs. Jesse Lovellette at the home of Mr. and Mrs. Harold Hokeley.

Mr. and Mrs. H. D. Keley and family enjoyed Thursday evening at the home of Mr. and Mrs. Wesley Comfort of Palatine. Frank Opatry of Fox River Grove and Florence Barloff were Friday evening guests of Mr. and Mrs. Harold Keley.

Mr. and Mrs. Frank Vyk and children, Francis, Grace and Rita, and Mrs. James Volter, of Chicago spent Christmas with Mr. and Mrs. John Jensen and daughter, June and Anita, and Mr. and Mrs. Anderson spent Sunday at their Shady Hill cottage. Mr. and Mrs. Frank Keley were Sunday dinner guests of Mr. and Mrs. Myron Keley and Monday guests of Mr. and Mrs. Willford Keley of Chicago.

Mr. and Mrs. Peter Paulson and sons, Earl, Kenneth, and Paul, of Racine were guests of Mr. and Mrs. Frank Lageschulte from Saturday until Monday. Mr. and Mrs. Jack Wichman, Mr. and Mrs. Lloyd Graham, Mr. and Mrs. Randolph Berg, Burton Hoffman and friends were Saturday evening guests of Mr. and Mrs. Harold Keley.

Mr. and Mrs. Frank Lageschulte were New Year's guests of Mr. and Mrs. C. Mavis of Algonquin. Mr. and Mrs. Joseph Wollars and children were Monday callers at the home of Mr. and Mrs. Harold Keley.

Mr. and Mrs. Clarence Landwehr, Mrs. Mary Lageschulte, Mr. and Mrs. Shirley of Cary and Mr. and Mrs. Charles Mavis and daughter, Crystal of Algonquin and Emma Hager were Christmas guests of Mr. and Mrs. Leo Riley and children, Frances and Lawrence, and Mr. and Mrs. Jesse Lovellette at the home of Mr. and Mrs. Harold Hokeley.

Blanche Maska spent Saturday and Sunday at the home of Mrs. Mary Walker of Chicago.

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1:30 p. m. Evening service. Holy Communion will be observed at the close of morning worship. REV. C. H. DRUSSEL, Pastor.

ST. MATTHEW EV. LUTHERAN (Missouri Synod) 9:30 a. m. Graded Sunday school and Adult Bible class. 10:30 a. m. Morning worship. REV. A. T. KREITZMANN, Pastor.

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