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THE SENSE OF SIGHT

HOW AN INFANT SLOWLY LEARNS TO EXERCISE IT.

At First the Newborn Babe Has the Power Only to Distinguish Between Light and Darkness—The Development of the Power of Vision.

The sense most early exercised by the newborn infant is the sense of sight, but at first it has the power only to distinguish light from darkness and is in comparison with its later development blind, while in many of the lower creatures the senses are at birth fully developed.

What a difference there is between the dull eye of the newborn infant and the sharp vision of the young chick, which is able to pick up with precision a grain of corn or even snap up a fly

while the human may be still sticking to its back! The eye of the infant, however, is developed very gradually, and during infancy and childhood it learns how to see. In the first few days it notices the difference between light and darkness when the light is very intense, and it may even knit its brow in sleep if a bright light be brought close to its face.

On the same principle a striking bright color will also be noticed when held close to the face.

In all these cases, however, the infant follows the object by turning its head and not by the movement of the eyes.

The eyelids open and shut from birth, but they are not always moved at the same time with the movements of the eyeballs until the infant has reached the second or third month. Under two or three months of age infants do not wink when the hand or an object is

waved before the face, because they do not see the hand distinctly.

One of the remarkable points of interest in the development of the infant's power of vision is the way in which it learns to appreciate the objects seen. It has to learn to discover the distance of objects, their shape, size, character, etc., and this it does with the assistance of the sense of touch.

The face of the mother or nurse is made familiar in that it is brought so close to the infant's face.

After the infant has learned to see objects distinctly at the distance of several feet it begins to use both eyes in common. At first the eyes act independently of each other, so that it undoubtedly has double vision and sees everything double. This double vision can be produced by many at will by looking "cross eyed."

The infant having reached the point also begin to understand objects of three dimensions—that is, to find out the difference between a flat surface and a solid body. Here the sense of touch also assists. The infant grasps an object and, putting it to its lips and face, satisfies itself as to the shape, character, etc.

It is interesting in this connection to note some cases in which a person born blind recovers sight when grown. In one case a young man who had lost his sight in early infancy was so completely blinded that he could not distinguish even the strongest light from darkness.

After an operation on one eye had been successfully performed he began to see objects without understanding them—not being able to judge their distances from his eye—and he felt as if everything was touching his eye, so that to touch an object he at first

would put one finger of the hand up before his face, pointing at the object aimed at, and reach forward until his finger came in contact with the object.

After he had recovered the use of both eyes he began to find out that everything was not flat, but that many things had a certain thickness as well as length and breadth, and in this way he began to see solid objects.

But even for a year or two after complete recovery he was unable to decide whether a certain figure was a flat surface, as in a painting, or a solid body.

He was also obliged to learn the different animals and objects, not knowing the difference between a cat and a dog until he had touched them.

We all go through just the same process of learning how to see in infancy. The child may be two or three years, or even older, before it has control over its eyes and can judge of the distance

or objects in the room, etc.

The care of the eye is a question of great importance for mothers and nurses. The eyes of newborn infants should be carefully washed with fresh, clear water, and if anything unusual is noticed the physician should be seen. The infant's eyes are specially to be protected against too bright a light. It is by no means an uncommon thing to see a nurse wheeling a young infant in the carriage while the bright sun is pouring into the child's eyes. This does not argue against taking infants into the sun when the weather is not too warm, but the eyes should always be protected against the bright glare, whether direct or reflected.

He was too old to jump on a moving car with safety and was handicapped by a heavy bag of tools slung over his shoulder. Half a dozen motormen had disregarded his signals to stop and had

run their cars past the crossing at even greater speed than that with which they approached.

The old laborer didn't grumble or swear. He waited on one rail for the next car. As it drew near he signaled the motorman to stop. The power was increased to run by, as before, and the old man turned as if to get out of the way. The heavy tools slipped from his grasp and fell on the rail. The motorman frantically shut off the power and set his brake hard. The wheel was within a yard of the obstruction when the car stopped. The old man picked up his bundle and smiled broadly as he climbed on the front platform. "Think you're smart, don't you?" said the motorman.

"Much obliged," said the old man, still grinning. "You're the only accommodating motorman I've seen today."—New York Tribune.

Cushion and Stand Covers, a charming selection, 25 cents to \$1.50.

MILLIRENS

Men's and Ladies' Gaiters. Children's Wool Leggings. Tam O'Shanter and Toques.

GREATEST DEPARTMENT STORE IN JEFFERSON COUNTY

Toilet Sets

Comb and brush sets, comb, brush and mirror sets, manicure sets, sewing sets, military sets, toilet sets, in ebony, ivory or sterling, \$3.50 to \$8.00. Combs and brush sets, ebony, ivory or china, \$1.25 to \$3.50. Sewing Sets, scissors, thimble and emery, nice neat box, \$1.50. Military brush sets, in ebony or ivory, \$1.25, 2.00, \$2.50, 3.00. Traveling sets in a nice leather box, comprising hair brush, tooth brush and comb, \$1.00. Glove boxes, Kerchief boxes, Collar

Mens Clothing for Christmas

Do Your Holiday Shopping Now

It will be more satisfactory TO-MORROW and FRIDAY than later on. Not only because you will escape the Christmas rush, nor on account of the better service we can render you, but the variety and assortments are greater to-day than they will be again this season. Get an early start and it will prove to your advantage.

The fit of our clothing is the best to be found and the test of years proves its wearing quality. Men's Suits, square cut, round corner, or cutaway, \$7.00, \$8.00, \$10, \$12.00, \$15.00, \$18.00.



OVERCOATS

Here in the long, swagger style, or in the medium 42-inch length in oxford or black, vicuna, blue or black kersey, every one trimmed up elegantly, \$5.00, \$7, \$10.00, \$12.00, \$15.00, \$18.00.

BOYS SUITS OR OVERCOATS. Bring the boys here to fit them up with a new suit for Xmas. Vests, Norfolk or double breasted suits, \$1.50 to \$5.00. Overcoats like the men in the long, swagger style, \$3.50 to \$8.00.

Xmas Ties



Are nicer this season than ever before. Silk Tecks, band bows, shield bows, string ties in all widths, any color you may choose to think of—25c.

Imperials, 4-in-hands, tecks and puffs, made especially for our Christmas trade 1902. Made of the finest silk of the latest importation; all the nice, light shades in dots, checks or stripes, 50c.

Chatelaine Bags

Wrist Bags and Purses. A grand assortment in leather, beaded, or gun metal—all sizes. We start this at infants at 10 cents and run them to a large beaded (flower pattern) chatelaine bag at \$3.50. Purses and wrist bags in



in seal, grain or walrus leather. All sizes, trimmed in nickel, gilt or gun metal.—25c, 50c, 90c, \$1.00, \$1.25.

We ask your special attention to the new shape in hand purses—it is the oblong.

Shirts for Xmas

Here in abundance. Our Cluett Shirts are the best made. We have them in stiff bosom or soft negligee style, in all the late effects in dots or figures. \$1.50.

Monarch Shirts are standards. A silver dollar's intrinsic value is based on a Monarch shirt here. In stripes or dots, stiff bosom or soft negligee—all sizes.

Princely Shirts, this year's styles, in stripes, dots or checks, all colors, in



soft negligee to wear white collar, or negligees with 2 separate collars, or stiff bosom style. All have 50c separate cuffs.

Boys' soft dress shirt in soft negligee or stiff bosom style, all colors and sizes, 50 cents.

Kerchiefs and Mufflers



Have always been a favorite Xmas gift as they are always needed and acceptable.

A royal assortment to select from. Kerchiefs start at a cambric at 2c to Easy-step finest lace, linen or silk, 50c.

All styles initial Kerchiefs. We invite your special attention to our Xmas boxes of kerchiefs.

Mufflers in all grades. Large squares or the oxfords in silks or satins, 50c to \$2.50. Ways Mufflers, 25c, 50c, \$1.00.

Gloves and Mittens



For Xmas gifts are appreciated. Our glove department is at its best just now. Golf gloves in all colors and combination of colors that you choose, 25 and 50c.

Kid gloves, at 75c, all colors and sizes.

Our genuine Mocha glove at \$1.00 is not to be matched anywhere.

Our line of Centomeri-Kids and Mocha gloves is now complete in all colors and sizes. This is the best glove known \$1.50

Men's Gloves



In Mocha or Kid, some are silk lined, others are wool lined for cold weather. \$1.00.

Mocha, Cape or kid, in silk lined or plain. Some are made without seams and others are plain. \$1.50.

Lamb lined and driving gloves here for real nice Xmas gifts.

Cardigan Jackets

A useful gift. Our assortment includes the best makes only. Pure wool and worsted goods, colors, black and brown. \$1.00, 1.50, 2.00, 3.00.

Shoes for Xmas



For the whole family. KELLY SHOES

for ladies here in all widths from A to EE in all the latest fall toes of box calf, vici kid or patent calf. \$2.00, 2.50, 3.00, 3.50.

Florsheim Shoes

For men here in vici kid, box calf or patent kid or calf. Some are out in the Blucher style while others are plain. \$2.00, 2.50, 3.00, 3.50 and \$5.00.

Children's and Infants'

Shoes of all kinds. Christmas Slippers a specialty.

Sweaters

Immense variety to select from. Men's Sweaters in fine wool, any color or combination of colors you choose to think of. \$1.00, 1.50, 2.00, 3.00, 4.00, 5.00.

Boys' and children's sweaters in plain wool or fancy striped silk. The smaller sizes have buttons on shoulder. 75c \$1.00.

Ladies' Sweaters, a nice assortment of sizes. Buttons on shoulder.

While you are doing your Christmas shopping take advantage of your chance of getting a

A \$400.00 PIANO FREE

of charge here at our store. We are going to give absolutely free to some patron of this store this piano. Come in and see the piano and retain your coupons until 15th day of January when the Singer Grand piano will be given away. Come early and make your selections, have them reserved until later. The early buyers fare best. No exorbitant profits taken on Christmas goods here.

Millirens Big Department Store

Hats

Stiff E-cro in all the late shapes. Come in and see our special Hats for Christmas—\$1.00, 1.50, 2.00, 2.50 \$3.00.



HOWARD STYLE.

Soft Hats—A new shape, same as the Pantourist only it is lower in the crown. \$1.50, 2.00, 2.50. CAPS of seal, fur, kersey or melton in black, blue or castor—25c, 50c, \$1.00 to \$3.00.



Umbrellas for All

Here in all sizes. A very appropriate Xmas gift for father, mother, brother, sister or some other fellow's sister.

Our assortment starts at a plain steel rod, congo handle, covered with union, at 50c, to the finest silk with ivory handle, silver trimmed at \$10.00. We ask your special attention to our \$3.00, 4.00 and 5.00 lines with pearl, horn or natural handles, covered, with an imported English girls' top in ladies or gents, trimmed in gold or sterling silver. Come in and see them and make your selection.

Smoking Jackets



A large and handsome line of the newest styles in smoking jackets. Some of them very stylish garments, in plain front cloth with plaid back. A price range—\$5.00, 5.50, 6.50, 7.50.