

## Tests Show Rats Are Intelligent

Adult Rats Exceed Children of Five Years in Reasoning Ability

ANN ARBOR, MICH. — Adult rats exceed in reasoning ability children up to 5 or 6 years old, it is shown by tests made at the University of Michigan by Dr. N. R. F. Maier, of the psychology department.

The primary object of the experiments was to determine when children first begin to show ability to reason, that is, to work out problems by bringing together, mentally, separate items out of their experience. This combining of isolated experiences is the main difference between reasoning and simple learning, Dr. Maier points out.

In children, mental activity which may be described fairly as reasoning seldom appears before the age of five and a half or six years. A child has learned much before then but he is seldom able to use his knowledge in new ways to solve a problem.

Reasoning in rats is tested by their ability to put together parts of a pathway which have been learned separately. Adult rats will make a score of 80 per cent and young rats a score of 61.4 per cent, Dr. Maier found.

With 39 children ranging in age from 3½ to 8 years, Dr. Maier used a problem situation similar to that used for the rats. Pennies or desired toys were used as stimuli, and the children greatly enjoyed trying to find the correct path, Dr. Maier reports.

Despite their enthusiasm the children as a whole only made 58 per cent correct scores.

Not until the average age of 70 months was reached did the correct responses reach 58 per cent. It is probably between 5 and 6 that the normal child begins to "use his head," and this period may be regarded as one of a great change in the quality of behaviour, Dr. Maier concludes.

## May Have Finger In Political Pie But He Can Still Cook

Former Chief, Now Member of Parliament, Gives Pet Recipe for "Shrimps Creole"

OTTAWA — He may be a member of Parliament but he has not forgotten how to cook, John Charles Landeryou, Social Credit member for Calgary east and former chef contends. "I may be busy cooking up other matters besides food and sticking my fingers in a new variety of pies but I still remember how to make a chicken pot pie," he said in an interview recently.

Mr. Landeryou was born in Toronto, went to New Orleans when he was 18 and got a job as a waiter. The behind scenes interested him more than the front however, and soon he was wearing a chef's cap.

His favorite dish is the southern shore dinner, all served on one large platter with tartare sauce. It includes half a broiled lobster, fried scallops, frogs' legs meuniere (sautéed in butter with lemon), soft shelled crab and shrimps creole.

He thinks Canadians do not eat enough fish as it is not cheap enough, and the reason it is not cheap enough is that not enough is eaten.

For his favorite dish of shrimps creole he gives this recipe for which canned shrimps may be used instead of the more delicate but less readily obtainable fresh variety: Sauté in butter one-third large green pepper finely shredded and one-third medium sized onion finely shredded, add one-third of large can of tomatoes with juice, one bay leaf, half a teaspoon of sugar, pepper and salt and a dash of vinegar. Then add one can of shrimps and cook together till the juice boils down. Remove bay leaf and serve.

Mr. Landeryou was chef for a large department store in Calgary before coming to the House of Commons.

## Customs Up

CHATHAM, — An increase in all Departments was noted in the April report by the Chatham Customs Bureau. Total returns were \$81,229.76 in excess of those reported during March, including a \$67,587.01 increase at the Port of Chatham alone. An increase of \$31,123.27 over April, 1935, was also recorded.

The report by divisions showed: Chatham, \$315,230.86; Blenheim, \$958.65; Erieau, \$15,313.78; Rice-fofn, \$501.50; and Tilbury, \$46,905.70.

Classifications returns included: import duties, \$73,638.94; excise taxes, \$305,233.55; excise duties, \$25; and sundry collections \$13.

## Any Time is Tea Time "SALADA" TEA

## Quebec Reports Progress Of "The Peasant Arts"

A remarkable revival in handicrafts arts has taken place in the Province of Quebec during the course of the past few years.

This renewing in peasant art is interesting from several aspects. For the peasant or farmer, it constitutes an additional source of revenue, and this at a time when no source of income, however small, is to be discarded. It also constitutes, by creating more work right in their homes, an efficacious means of keeping on the land sons and daughters of farmers who might otherwise be attracted by the mirage of big towns. For the province, it is a precious art in that it contributes towards its retaining its cachet by the production of original and typical Quebec works of art, which form a decided contrast with the inferior products turned out by mass-production elsewhere. Finally, tourists in particular, are greatly interested in the rugs and other examples of domestic arts produced in our country districts.

This revival of peasant arts got under way a little more than six years ago, shortly after the founding in Quebec of a school of domestic arts. By direct teachings to pupils in the school itself, or by demonstrations and exhibitions in the various rural municipalities of the province, this school of domestic arts has contributed to a great extent in reviving interest in peasant arts and in elevating the quality of products.

The progress accomplished in this domain has resulted in beneficial effects for other branches or agricultural production. Thus, in 1935 alone, the quantity of wool employed in the

making of rugs, quilts, homespuns, etc., was nearly three million pounds. These different products find a ready outlet in the tourist traffic.

The revival of peasant arts is not limited simply to the fabrication of rugs, blankets and homespuns; it also includes furniture, leather goods and even pottery. Striking examples of these branches of industry were to be seen at the exhibition of products of handicrafts, held in the parliamentary Cafe in the Parliament Buildings last Summer. This exhibition, which was visited by more than 50,000 people, scored such a decided success that it has been practically decided to hold another one during the course of the coming Summer.

## When Psychologists Disagree, What Can Ordinary Folk Think

CHICAGO — Dr. John J. B. Morgan, Northwestern University psychologist, commenting on a prediction that the Dionne quintuplets stood "a good chance of growing into heart breakers and old maids," declared recently there was no scientific basis for such a statement.

"The quintts are too young to be affected one way or another," he said. "Their future attitudes toward the opposite sex will be molded by a great many factors during their childhood and adolescence."

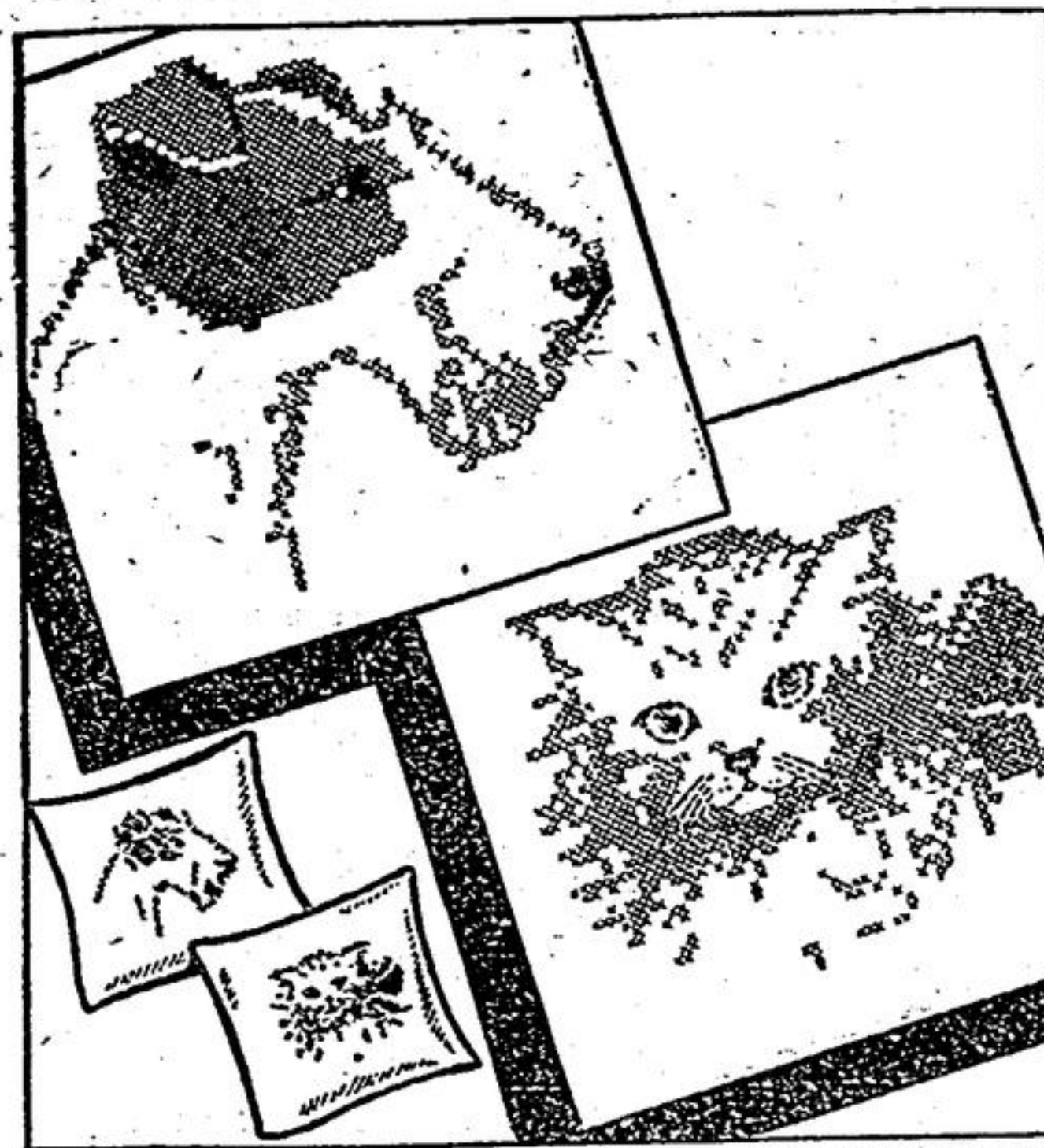
The heart breaker prediction was made by Dr. Donald A. Laird, of Colgate University, who said the quintts' segregation from little boys while very young might make them "man haters."

Dr. Morgan challenged the Colgate psychologist's statement that premature birth tended to make children better looking was also without scientific foundation.

The sales of branded beef in Canada for the month of February, 1936, were 3,571,276 pounds. The consistent progress of these sales may be visualized by comparison with the former months of February since the inception of branded beef — 866,409 pounds in 1931; 1,448,859 pounds in 1932; 2,299,968 pounds in 1933; 2,778,358 pounds in 1934, and 3,274,855 pounds in 1935.

"The man who permits himself to be cheated is just as bad as the man who cheats him." — Henry Ford.

## Cross Stitch a Laura Wheeler Dog and Kitten on Pillow or Picture



CROSS STITCH DOG AND CAT PATTERN 937

Like to adopt a kitten, or a smart young terrier pup? Then send post-haste for the pattern, and get busy on these appealing cross stitch portraits. They'll adorn both picture and pillow, and very quickly, too, for crosses are an easy eight to the inch. Do them in either wool or silk, on light or dark background.

Pattern 937 comes to you with a transfer pattern of a dog's head 7 x 7½ inches, and a cat's head 5½ x 7 inches; a color key; illustrations of all stitches needed; material requirements. Send 20 cents in stamps or coin (coin preferred) for this pattern to the Wilson Publishing Co., Ltd., 73 West Adelaide St., Toronto. Write plainly the PATTERN NUMBER, your NAME and ADDRESS.

## Box Gardens

When you instal an outdoor window box it immediately becomes part of the house, and should conform to its architectural design and color scheme.

For this reason it is well to construct your own window box, and it is not difficult to do.

Window box gardening is a recreation and delight which everyone can enjoy, whether he lives in the smokiest city, or the roomiest suburb. They are grown to be seen from both the inside or the outside of the house, and there is such a variety of subjects available that almost any location, except extremely shady ones) is suitable.

The box itself, should be of the same color as the building, or as its trim and the flowers should be of a contrasting color which is harmonious. For a red brick house, white flowers and plenty of green foliage would be attractive. For a house in which yellow is the prevailing tone, blue flowers should be used. These are only suggestions, since the taste of the owner will control, of course.

The flowers must grow well, if the box is to give pleasure; and rich soil is most important, because there is so little of it. The soil should be what florists call good potting soil — a sandy loam well enriched. Holes drilled into the bottom of the box and covered with broken pieces of pottery will serve for drainage.

The best window-box flowers are those which bear flowers freely and continuously. In these respects the petunia has no superior. All types

are long bloomers, the large-flowered single and double, the small flowered singles, the dwarfs and the balcony types. The new fragrant double nasturtiums are fine window box material, and some of them are of the trailing habit.

It is possible to have a window box filled with morning glories, and it is hard to imagine a more beautiful decoration than their tapestry of green leaves and glorious blue flowers. They like a south exposure. —Gananoque Reporter.

## May Strengthen Fortifications

Japan Warns of Action Should Washington Pact Expire

TOKYO. — A warning Japan will consider it necessary to strengthen its entire fortifications system in the Pacific if a new naval treaty is not concluded at the expiration of the Washington Agreement, was delivered by War Minister General Juichi Teruchi today.

(The Washington Treaty expires December 31 next).

Replying to a question in the Chamber, the War Minister said if no new agreement was concluded Japan would be forced to resume work on the fortifications—suspended by the Washington Agreement—and build up new defences to guard against "a new situation in the Pacific."

## INVENTS NEW STOVE THAT MAKES OWN GAS

W. C. Coleman, Noted Inventor Makes It Possible for Every Home Everywhere to Enjoy Modern Gas Cooking Service at Low Cost

Housewives everywhere are enthusiastic in their praise of a new stove that makes its own gas and brings modern gas cooking service at low cost to homes anywhere. W. C. Coleman, noted inventor and pioneer manufacturer of gas-pressure appliances, regards this stove as his crowning achievement.

The new Coleman Range makes its own gas from ordinary lead-free gasoline. Lights instantly, like gas. The flame from its fuel-saving Band-A-Bu Burners is hotter than natural gas and is easily adjusted for fast cooking or slow simmering. Its low fuel consumption makes it cheaper to use than coal, wood or kerosene.

The Coleman Range has a spacious insulated oven and drawer-type broiler. An independently controlled burner provides any heat desired for baking or broiling.

Climaxing his achievement, Mr. Coleman endowed the Coleman Safety Range with graceful beauty, style and color.

Persons wishing full information about these marvelous new Coleman Ranges, will receive beautifully illustrated literature and name of nearest dealer by addressing a post-card to Mr. W. C. Coleman, Dept. WL-242, 9 Davies Ave., Toronto, Ont.

Issue No. 22 — '36

## Driver Started On Auto Deaths

By U. S. Red Cross—To Extend First Aid Chain, Convention Informed

CHICAGO — The American Red Cross has aimed reinforcements against death on the nation's highways, described by Admiral Cary T. Grayson, national chairman, as "a national emergency of year-round disaster proportions."

As the annual National Red Cross convention opened, organizers announced that rapid expansion of volunteer personnel to give emergency first aid in motor accident cases was deemed a major project. Admiral Grayson pointed to more than 36,000 killed and 105,000 maimed in the United States, in 1935 as the motivating force.

Already the Red Cross, since launching the service six months ago, has placed 1,000 emergency stations, manned by volunteers, in operation along dangerous sections of roads and has designated a total of 3,000 stations for establishment in 30 states.

"Eventually there will be 15,000 stations with first aid workers ready to give aid in those precious moments—between the time of the injury and admission to a hospital," Admiral Grayson said.

So important was the problem considered that one whole day of convention session was set aside for discussion of "emergency-first aid on the highway," under the direction of Major Harry F. Evans, chairman of the Davenport, Iowa, chapter.

## Going Wrong?

In the basement of the home of Dr. Rexford Guy Tugwell in Washington, his daughter Marcia and two other little girls have opened a dog laundry, comments the Chicago Daily News. Their motive, alas, is profit. What is more, they are advertising! They announce that they will wash medium sized dogs for 35 cents. And while it is understood and admitted that they intend to charge extra for flea powder, they are careful not to mention this in publicity.

Now, Marcia, is that fair? Is that honest? How many times have you heard your papa say that advertising at best is but a wasteful charge upon production? Has he not told you that advertisers must be forced to tell the truth, the whole truth, and nothing but the truth, on pain of his most severe displeasure?

And Marcia, another thing. Have you not gone about this whole business in the wrong way? Socialism, like charity, begins at home.

In the first place you should not have to do any of the work yourself. You, as chief administrator should just think up rules for washing dogs, with plenty of fines and imprisonments.

And you should not have to solicit business. Wouldn't it be much simpler to have your papa get the president of the law enforcing all dog owners in your neighborhood to have the dogs washed at the Tugwell DWA?

Above all, do not use the basement. That is very horse-and-buggy indeed. Why not call up a contractor? Order him to build you a fine new dogery in the back yard. Never mind the cost. Papa will pay that. If he didn't he would be just a selfish old Tory.

Marcia, Marcia, we fear that you're going wrong.

"Let me tell you something: Don't go after riches. There is nothing to it. That is my advice to all young men."

—Charles-M. Schwab.

**330 MINUTES**  
smoking satisfaction in each package

**Buckingham FINE CUT**

## Here's a Man Who Bit a Dog

The man who bit the dog is no longer a legend. While a wedding procession was marching through the streets of Beshenevo, Yugoslavia, the bridegroom—who was the Mayor of the township, Dusko Chiritch — in a frenzy of happiness seized a barking dog which was accompanying the party and bit its tail off.

The dog's howls were drowned by the music of the wedding band, but the Mayor's act did not go unnoticed by his critics on the local council. The latter declare that local opinion is so shocked over what is considered the undignified act of the Mayor, that it is likely he may be deposed. The Mayor himself pleads that his high spirits at the prospect of his marriage, and the number of toasts his friends had made him drink, were responsible for his biting the dog.—South Slav Herald.

**FREE! BOOK on BASEBALL!**

Every boy and baseball fan will want this up-to-date book, "Baseball—and How to Play it," by Frank J. (Shag) Staughnessy, Manager of the pennant winning Montreal Royals. Pitching, batting, base running—all the fine points of the game are clearly explained and illustrated. Here's how to get it. Simply send in to the address below a "CROWN BRAND" or "LILLY WHITE" Corn Syrup label with your name and address and the words "Baseball Book", plainly written on the back—and your copy will be mailed to you right away.

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FROM THE MAIL AND EMPIRE MAY 18

**STOCKS and Their MOVEMENTS**

There is nothing here in the nature of a tipster program; but at the same time it may not be out of place to name some of the spots where the fever is burning, and let the individual decide for himself whether to plunge and take the luck which the cards of the future may turn up for him.

The Pickle Crow area, which was started years ago by the Central Patricia, but which, of late, was forced to the front by the success of the Pickle Crow Gold Mine, now has a swarm of diamond drillers exploring the possibilities of the surrounding properties. The Kaw-Crow, Gateway Patricia—Winoga and Albany River are all going through the early throes which will pave the way for victory or defeat.

**WE, TOO, BELIEVE GATEWAY-PATRICIA WELL WORTH INVESTIGATING**

Already Winoga and Kaw Crow, on which diamond drilling was started recently, have shown market appreciation. On Tuesday, May 19, approximate prices were:

**KAW CROW...36c** (11 cents above January issue price.)  
Capital Appreciation 44 per cent.

**WINOGA...44c** (9 cents above March issue price.)  
Capital Appreciation 25 per cent.

Contract for drilling at Gateway Patricia has been let and work will commence almost immediately.

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