

IQ Test Fails To Pass 'Test' For Accuracy

SAN FRANCISCO (AP) — If you're an adult who didn't do so well on your last I. Q. test, cheer up. My be you were sold short.

The standard I. Q. test comes a long way from being a good yardstick of adult intelligence, says Dr. J. P. Guilford, a psychology professor who has invented many new ways of measuring creativeness, judgment, reasoning power and other elements of mentality.

Only a few of the 200 items in the Stanford-Binet test, long-used by psychologists, deal with these abstract but extremely important mental factors, he asserts.

Dr. Guilford, who is on the faculty of the University of Southern California, was the only American psychologist invited to present a paper at a recent conference in Paris on factor analysis. He told about some of his new tests there.

The Stanford-Binet test was designed for children. It was supposed to give investigators an idea of how a given youngster would get along in elementary school. In that respect it was, and still is, a good test.

It was applied later to adults mainly because it was the best available instrument for assessing man intelligence. In its original form it was given to several hundred thousand soldiers of World War I. Later the Army's Alpha and Beta tests for mentality were used on service personnel.

Using the same kind of tests for verbal comprehension and reasoning on adults as on children has not only short-changed some of the subjects but also has limited scientific knowledge of what human intelligence really is, Dr. Guilford says.

Get Along Well
A high I. Q. doesn't necessarily mean a person is or will be a great creative thinker. Sometimes it has been a parallel to indifferent careers in later life.

At least one experimenter has shown that people with slightly substandard I. Q. ratings, get along pretty well in life and rate highly as automobile drivers.

There are at least 40 and perhaps as many as 60 factors concerned with intellect, Dr. Guilford reports, and the standard I. Q. test does not begin to disclose them.

The new tests by Guilford and his associates are designed to show up creativity, the powers of deduction or logical evaluation, the ability to discover and become aware of important things, and the faculty for drawing conclusions and sensing problems.

Both Sides
Another elusive thing which Guilford has undertaken to measure is one's powers to follow divergent lines of thinking—that is, being able to see both sides of the matter without losing the faculty for critical judgment.

Speed of judgment is another. These things test a person's flexibility and originality.

The 40 to 60 components of intelligence fall into about six categories, Dr. Guilford says. They are:

1. The discovery factor, which deals with awareness.
2. The memory for words, numbers, designs.
3. The knack of learning and recognizing symbols, involved in arithmetic and reading comprehension.

Products of Thinking
4. The production factor, concerning one's handling of conclusions, solutions and other products of thinking.

5. The divergent-thinking factor, having to do with flexibility and originality.

6. The evaluation factor which relates to logical assessment of problems and speed of judgment.

In six years Guilford and his colleagues have developed nearly 200 tests to evaluate the aptitudes of high-level personnel for the Office of Naval Research. They also were given to 2,000 officer candidates in the armed services.

During World War II, Dr. Guilford was a lieutenant colonel in the Air Force's West Coast Replacement Training Center at Santa Ana, Calif.

He is a graduate of the University of Nebraska and Cornell. He taught at Nebraska and the Universities of Illinois and Kansas before going to USC in 1940.

Dog Killed by Train; Lad Gets Another

KEWAUNEE, Wis.—(UP)—Nine-year-old Patrick Murphy doesn't have the same dog he had last year. But he's just as happy with the substitute.

The boy's dog, Albert, was killed by a Green Bay Western train near F's home here. Young Patrick wrote a letter to the railroad that said in part:

"Your train ran over my dog and killed him. He was such a nice and good dog. . . His name was Albert. . . Tell your engineer that we don't blame him because he ran over Albert — it's just that we feel so sad."

The letter went right to the desk of the railroad's president, Homer E. McGee, who answered:

"We are all very sorry to hear about the loss of your dog. I think I can appreciate how bad you feel because when I was a boy your age I lived on a farm in Texas, and I had a dog too."

A few days later, one of the railroad's officers visited the home of County Judge Aaron Murphy, Patrick's father. The result: one German shepherd pup for Patrick and his younger brother and sister. The dog's name is Homer.



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