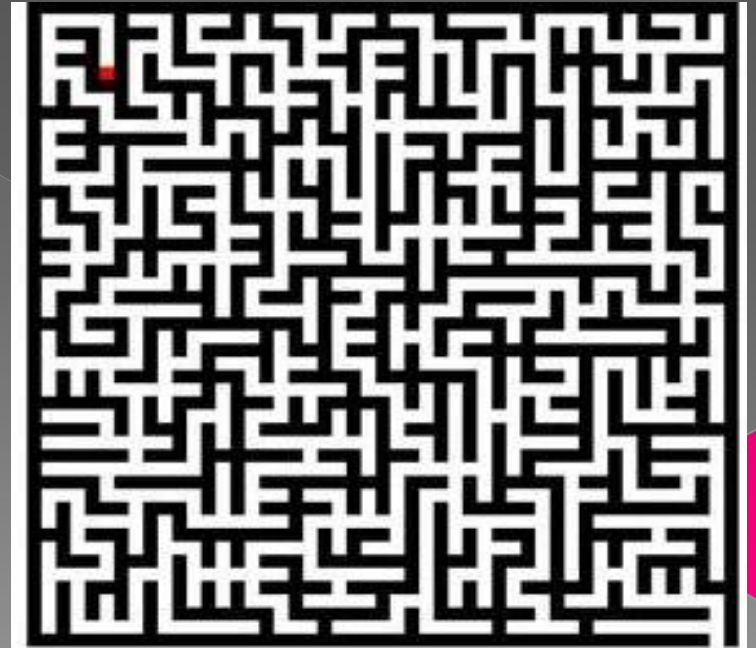


DEPARTMENT OF PSYCHOLOGY

PRACTICAL – 1
HUMAN MAZE
GENERAL PSYCHOLOGY
PRACTICAL

DR. VARSHA SHARMA



OBJECTIVE

- TO STUDY THE LEARNING PROCESS OF HUMAN MAZE BY TRIAL AND ERROR METHOD

INTRODUCTION

- LEARNING
- It can be defined as any relatively permanent change in behaviour that occurs through practice and experience

Definitions

- Underwood (1965) Learning is the acquisition of new responses or the enhanced execution of old ones.
- Munn (1961) Learning can be defined as relatively permanent and progressive modification in behaviour.

Key concepts

- Change in behaviour
- Occurs through practice and experience
- That change is relatively permanent

Types of learning

- ◉ Motor Learning
- ◉ Verbal Learning
- ◉ Paired Associative Learning
- ◉ Conditioning
- ◉ Rote Learning

Factors Affecting Learning

- Motivation (reinforcement)
- Nature of learning material
- Practice
- Learners' factors (I.Q., Age, Level Of Aspiration, Mental Abilities)
- Environment
- Physiological Factors
- Learning and Nervous System
- Learning Method

Hypothesis

- Subject will successfully learn the HUMAN MAZE by trial and error method

Variables

- Independent Variable – Trial and Error Method
- Dependent Variable- HUMAN MAZE LEARNING

Material used

- Human maze apparatus, stopwatch, paper, pencil, note sheet

Introduction to Apparatus

Human
Maze



Notice in the instrument

- ◉ START and END point
- ◉ Stylus Point
- ◉ Power Switch
- ◉ Red Bulb (that glows when error occurs)
- ◉ Error means when the subject selects the wrong path

Instructions

- The following instructions will be given to the subject-
- “this is the human maze apparatus for your learning through trial and error method. There is only one right path to reach from start to end point. For each trial I will note your errors and time taken. You can move up, down, right or left but not diagonally. You can not jump from one node to another, for your every move you have to touch the stylus on the points given on human maze, if you happens to select the wrong path the red bulb on the apparatus will glow and then you should select the another way. You have to perform this task until you learn the maze and reach to the end point without any errors ”

Instructions

- The instrument was checked prior to the conduction
- Environment was made peaceful and comfortable sitting arrangement was done
- Instructions were explained properly.
- Errors and time taken for each trial was noted down carefully in tabular format
- Recorded results were carefully analyzed

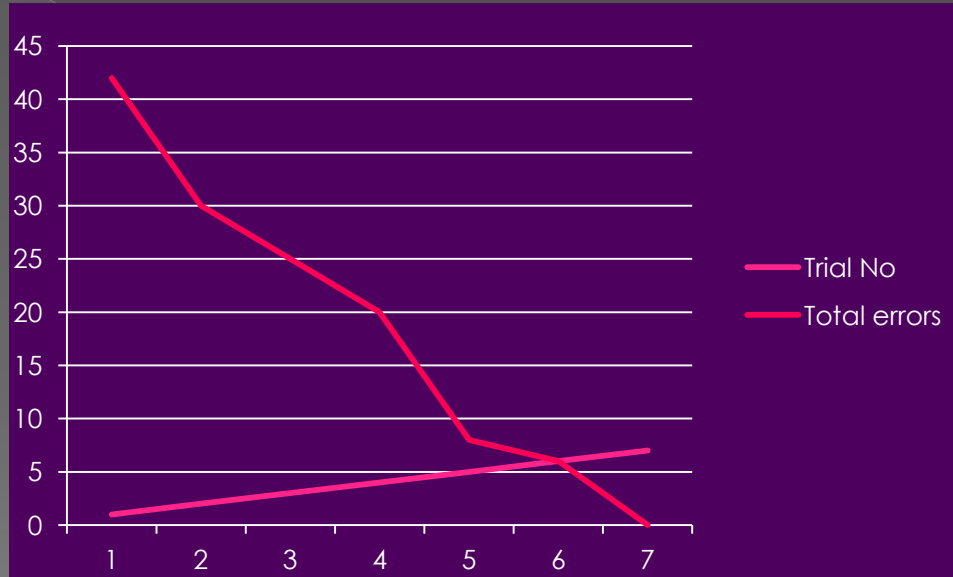
Actual Administration

- The subject was called in the laboratory which was prearranged with required instruments and proper sitting arrangement. It was made sure that no external disturbance can occur during the experiment. Rapport was established and instructions were properly explained to the subject. During conduction all the data was recorded carefully. After the conduction the subject was thanked for his/ her efforts and active participation. After then data was statistically analyzed.

Subject Introduction

NAME	AGE	SEX	EDUCATION
Mr. A	18 Years	MALE	12 th

Graphical Presentation



Relation between Number of Trials and Total Errors

Result

- As result table indicates the subject committed 42 errors in his first trial time taken for the performance was 60 Sec. Total 7 trials were taken and in the last trial the errors reduced to 0 and the time taken was also came down to 17 Sec.

Discussion

- This section includes the analysis of your observation during the experiment
- What data is received?
- Whether the subject took interest ?
- Whether he was motivated?
- What was the flow of performance?
- How many trials were there?
- Why the number of errors reduced?
- Sometimes you may observe an increase in errors in the starting phase , then you have to explain the reason.

Conclusion

- In the above experiment the occurred hypothesis is proved. The subject successfully learned the Human Maze by trial and error method.

References

- You have to write the source from where you have taken the introduction part or other details . It may be a book, article, online source
- Make sure to follow the APA format
- APA style is a standardized way of putting references.

THANK YOU...!