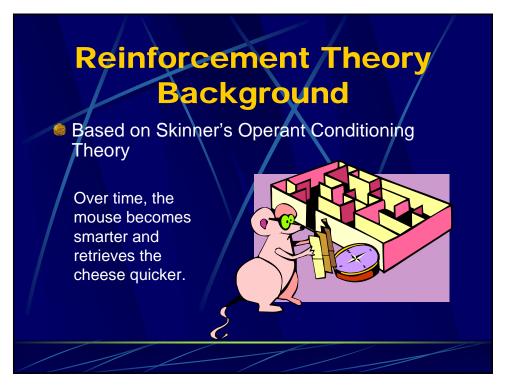
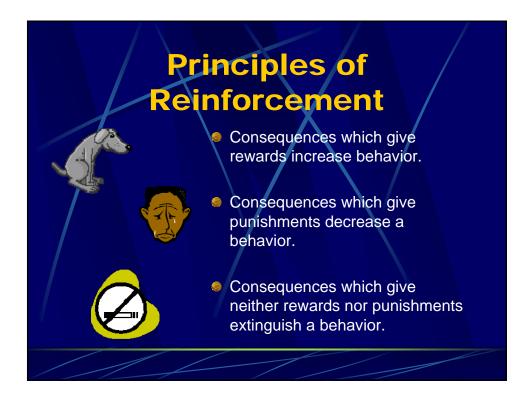
# Principles of Reinforcement Learning Theory

## Presented by: The Good to Great Team

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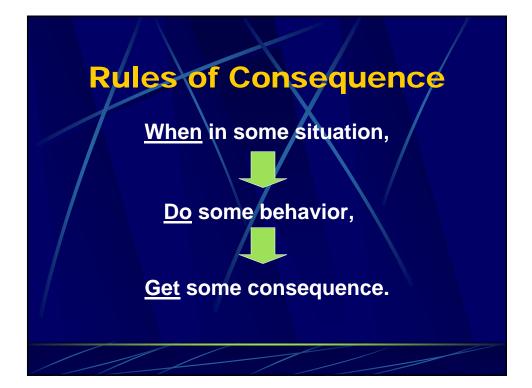


## Reinforcement Theory is a Functional Theory

Defined by it's function

Requires response from an external source

This is most successful for <u>heuristic</u> thinkers.



## **Class Activity**

When called upon, answer the following questions honestly.

Keep your response to a couple of sentences, for sake of time.

## **Discussion Points**

How are you today?
What is your opinion of our President?
How well are automobiles built today?
Describe your last vacation.
Describe your last visit to the doctor.

# Outcome

Which behaviors were rewarded? Which behaviors were punished?

Positive Answers Negative Answers

Neutral Comments received no response.

Positives to Consider when using Reinforcement in Curriculum Development

- Quick response
- Immediate feedback
- Most effective when working with children (with limited experience) and animals
- Pedagogical curriculum

#### Limitations of Reinforcement in Developing a Curriculum

It is difficult to classify rewards and punishments for different learners.

Reinforcement must come from one source, in a learning environment.

- --sense of control
- --Peers vs. Teacher
- --Mommy vs. Daddy
- --Multiple supervisors



#### Limitations to Reinforcement in Developing a Curriculum

- Punishment is difficult to do well. (Immediate, Intense, Unavoidable, Consistent)
- Internal motivators change
  - (consequences can change behavior, but not desire)
- Punishment can create tension
- Works well with small children and animals.
- Not the wisest choice when teaching adults.



