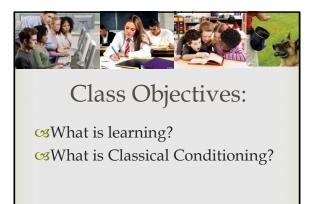


How do we Learn?

Module 18:
Basic Learning
Concepts and Classical
Conditioning



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What	19	Learnin	or
VVIII	10	Learini	٦.

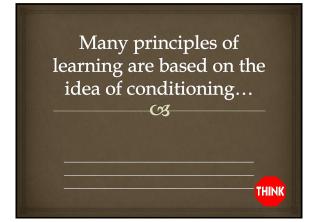
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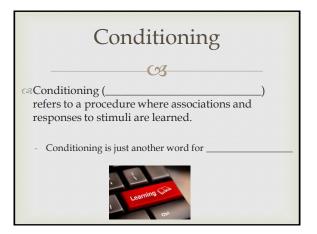
Learning anything new involves change. Psychologists agree that most behaviors are learned.

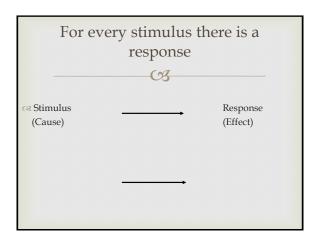
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- The process by which we acquire new knowledge





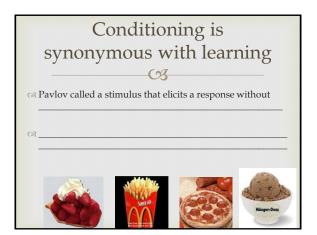


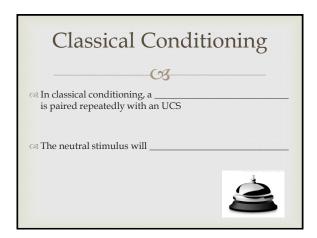


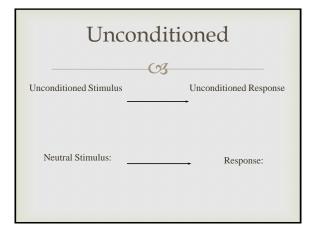
	We are all conditioned
	in some way
∝ C	onditioned behaviors appear so automatically that they
-	Conditioned behaviors are similar to reflexes because they



Classical Conditioning CS Classical conditioning is one of the simplest forms of learning. Ivan Pavlov Pavlov's research was simple- to teach a dog to salivate in

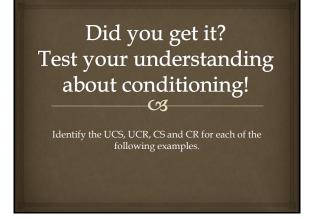






After the repeated pairings LEARNING occurs



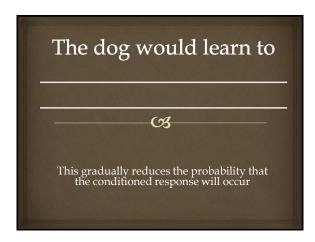


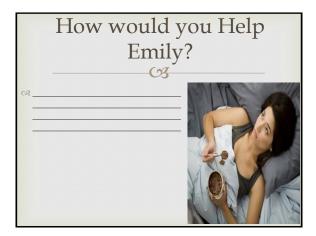
Identify the UCS, UCR, CS,
and CR
Relevander is four years old. One night his parents decided to light a fire in the family room fireplace. A burning ember jumped out of the fireplace and landed on Alexander's leg, creating a nasty burn. He cried because the burn hurt. A week later, when Alexander's parents started to light another fire in the fireplace, Alexander began to cry.
- UCS -
- UCR -
- CS -
- CR -

Identify the UCS, UCR, CS, and CR Sianca's mom followed the same routine before serving dinner - she would put ice in the glasses and then call "come and get it, dinner's ready." Immediately upon hearing those words, Bianca would quickly run down the stairs. After a while, Bianca would come running down the stairs when she heard the ice hitting the glasses. - UCS - UCR - CS - CR -

Identify the UCS, UCR, CS, and CR CS, and CR Marco is driving to work during a heavy snowstorm when the brake lights on the car ahead of him come on. He hits his breaks but is unable to avoid hitting the car. He is badly shaken up in the accident. The next time he is driving in the snow he notices that he tenses up every time he sees brake lights come one ahead of him. - UCS - UCR - CS - CR









Back to Emily Six months later, while walking through the cologne department at Macy's, Emily smells Polo cologne and immediately thinks of James... - this is ______

Humans experience conditioned emotional responses, which explains many complex behaviors

-03

Likes, dislikes, prejudices and fears

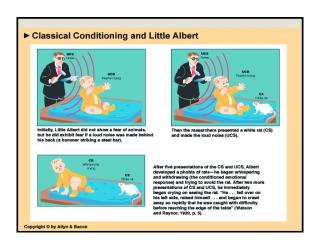
Human Conditioning

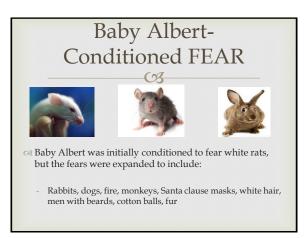
(Baby Albert experiments)

(2

- Watson and Rayner (1920)
 conditioned an 11-month-old infant.
- Through the process of Classical Conditioning Baby Albert was conditioned to fear...a lot.
 - This experiment is now considered unethical







The Garcia Effect 03 ○ The Garcia effect is an example of classical conditioning in everyday life. John Garcia (Garcia & Koelling, 1971) gave animals specific foods or drinks. $_$ ™ Many people who have experienced food poisoning can relate to this stimulus discrimination! What's Next? 03 ™ Can we learn any other way? - Operant conditioning and Social Learning