Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Classical Conditioning Video Notes**

|  |  |
| --- | --- |
| **Video One: How To Train Your Brain Video Two: Operant vs. Classical Conditioning**  *Record five things you learn about classical conditioning and operant conditioning in the spaces below* | |
| **Classical Conditioning** | **Operant Conditioning** |
| **In the videos that follow, write down the: Uncontrolled stimulus (US), Uncontrolled response (UR), Neutral Stimulus (NS), Conditioned Stimulus (CS), and Conditioned Response (CR).** | |
| **Classical Conditioning College experiment**  **US:   UR:   NS:  CS:   CR:   Pairing:** | **Little Albert US:   UR:   NS:  CS:   CR:  Pairing:** |
| **The Office**  **US:   UR:   NS:  CS:   CR:**  **Pairing:** | **Class Activity (not a video):  US:   UR:   NS:  CS:   CR:**  **Pairing:** |

Classical Conditioning Melodramas

Objective: Demonstrate your understanding of classical conditioning terms by creating & recording an original example.

Materials Needed:   
 Recording device (cell phone or iPad)   
 Supplies to create your melodrama – anything in classroom is fair game [playdoh, action figures, pipe cleaners, etc.]   
 Labels & narrator

Terms to be applied:   
 Unconditioned stimulus / Unconditioned response   
 Neutral stimulus / Conditioned stimulus / Conditioned response   
 Acquisition / Generalization / Discrimination   
 Extinction / Spontaneous Recovery   
 Bonus: Higher-order conditioning

**Process:**   
 Create storyline (outline on the back of this sheet)   
 Arrange supplies & labels   
 Record video   
 Upload your video to YouTube   
 Share the link with me

*Due by the end of class*

Idea for story line: Hint: UR/CR are typical emotions or reflexes

US = NS/CS =

UR/CR =

Acquisition will be:

Generalization will be:

Discrimination will be:

Extinction will be:

Spontaneous recovery will be:

Higher order conditioning will be:

Be organized so you can record video in 1 take!!!!!!

**Classical Conditioning Practice**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **UCS** | **UCR** | **NS** | **CS** | **CR** |
| 1. Jamie was talked into riding on the roller coaster when she was 12. The ride absolutely terrified her. Now whenever she goes to the amusement park, she breaks into a cold sweat if she even looks at the roller coaster. |  |  |  |  |  |
| 1. Kim was sick all night after eating a bad fried oyster. Now, she says, the smell of ANYTHING frying makes her feel nauseated. |  |  |  |  |  |
| 1. Sinbad was frightened when a barking spaniel lunged at the fence as Sinbad walked by. The next day, when Sindbad’s mother started to lead him by the house where the spaniel lives, Sinbad began to tremble and whimper. |  |  |  |  |  |
| 1. Makoto was stung by a bee in the garden. Now, whenever he hears a buzzing sound, he starts tremble. |  |  |  |  |  |
| 1. Romeo is completely happy with his girlfriend, Juliet. Just smelling his girlfriend’s perfume makes Romeo feel happy and relaxed. |  |  |  |  |  |
| 1. Tom gives his girlfriend Mary Beth a gift, which naturally makes her happy. During this gift giving occasion a song was playing. Now, whenever she hears the song she gets very happy. |  |  |  |  |  |

**Classical Conditioning Processes**

**Directions**: Determine whether the following scenarios are examples of generalization, discrimination, extinction, or spontaneous recovery by placing a checkmark in the correct column.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **General-ization** | **Discrim-ination** | **Extinction** | **Spontaneous Recovery** |
| 1. Sinbad was frightened by a barking, lunging spaniel. Now he is afraid of all other dogs. |  |  |  |  |
| 1. Sheila was frightened by a German Shepard when she was 5, but now is happy whenever she sees a dog. |  |  |  |  |
| 1. Makoto hates the sight of a bee, but loves to watch hummingbirds |  |  |  |  |
| 1. When Kim was small, she got sick after eating a bad oyster. Now, she refuses to eat anything that comes out of the sea. |  |  |  |  |
| 1. Angie loves the smell of her grandmother’s chocolate chip cookies, but thinks doesn’t like the smell of any other cookies. |  |  |  |  |
| 1. Jamie had finally recovered from her fear of roller coasters, but one night when she was walking by the amusement park, the sudden screeching noise of the roller coaster made her heart jump from fear. |  |  |  |  |
| 1. Romeo used to love the scent of his girlfriend’s perfume, but now that they’ve broken up, it’s just another odor to him. |  |  |  |  |
| 1. Ken used to drool at the smell of peanut butter cookies as they baked, and he couldn't wait to sink his teeth into that first cookie. However, Ken's new roommate makes terrible peanut butter cookies, and the smell of them baking is no longer associated with a wonderful taste experience. |  |  |  |  |
| 1. Mariah developed a fear of the water when she fell off a river raft last summer. This year she took swimming lessons and thought she had finally overcome her fear of water. She was eagerly looking forward to an upcoming rafting trip, however, as soon as she stepped onto the raft she was instantly terrified again. |  |  |  |  |