



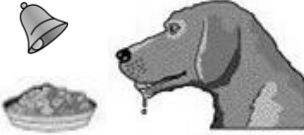

5.1 CLASSICAL CONDITIONING

Pavlov's dogs: the first insight into classical conditioning

Classical conditioning was first looked into by researcher Ivan Pavlov. He used his dogs in his experiment, when he first noticed that they would salivate purely because they heard his footsteps, even though food was not necessarily being presented to them. Pavlov identified what he believed to be the cause of this: the dogs had developed a link between Pavlov arriving (his footsteps) and being presented with food.

Being presented with food caused them to salivate naturally, but the association then meant that the dogs would salivate even when Pavlov's footsteps were the only stimulus, and there was no presentation of the food.

Use the storyboard below to describe what is happening at each stage. Identify the food, the bell and the action of salivation in each step using the correct terms.

	1
	2
	3
	4

Eventually, the connection the dog had between the ringing of the bell and the salivation would have died out. Explain, in terms of extinction, how it is possible for the association between a conditioned stimulus and a condition response to fade, and how that link may reappear in the future.

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