<u>Learning:</u> A change in <u>behavior</u>, resulting from experience (page 222). There are three basic types of learning covered in this chapter.

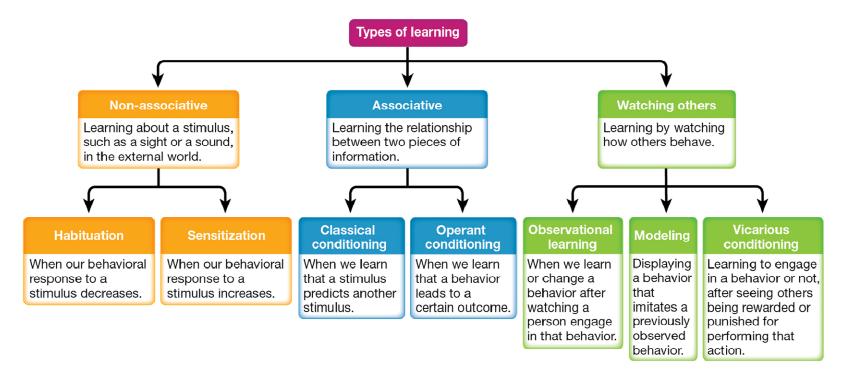
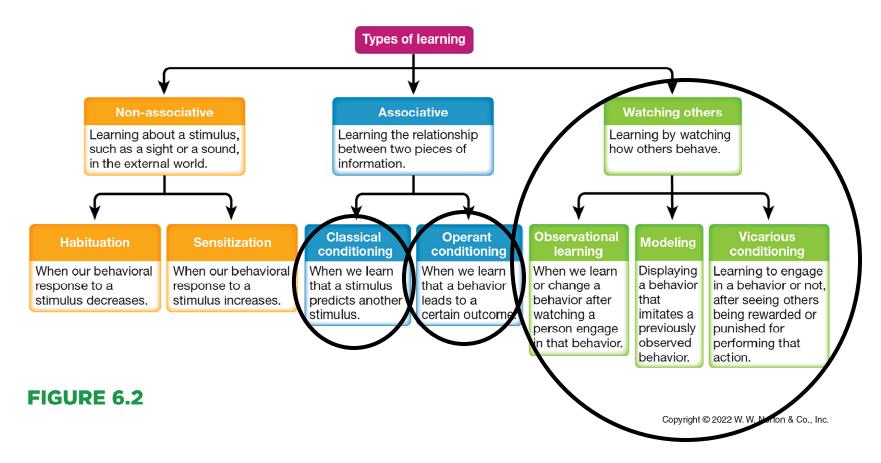


FIGURE 6.2

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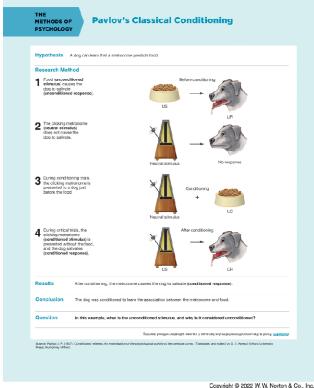
<u>Learning:</u> A change in <u>behavior</u>, resulting from experience (page 222). There are three basic types of learning covered in this chapter.



Classical Conditioning	Operant Conditioning	Watching Others
A type of learned	A learning process in	Learning by watching
response in which a	which an action's	others. (observational
neutral object comes to	consequence determines	learning, modeling,
elicit a response when it	how likely an action is to	vicarious learning)
is associated with a	be performed in the	
stimulus that already	future.	
produces a response.		
Classical conditioning	Operant conditioning	
occurs with involuntary	occurs with voluntary	
behaviors.	behaviors.	
Paviov's Classical Conditioning  Providence Anguer Anguer and Internet Providence Anguer Angu		
2 in consequent conseq		
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Co   Co   Co   Co   Co   Co   Co   Co		FIGURE 6.26  Abort Bandan, Dept of Psychology, Stateford Unionally Copyright G 2020 W W. Norshin & Co., Inc.
pour de contra commente como e nodes en su secreta del én sudiri de Tradat de del 16 5 i facil Delimina de commente de comme	FIGURE 6.15  Nea Leavi The LEF Picture Collector via Getly Images Capying to 2007 M W Nation & Cu. Inc.	

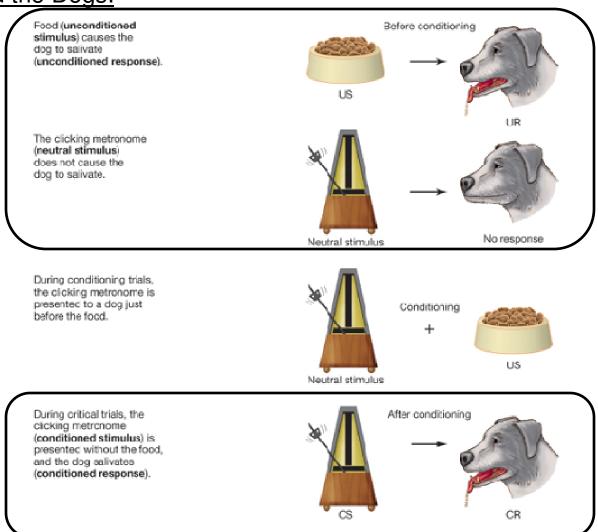
<u>Learning:</u> A change in <u>behavior</u>, resulting from experience (page 222). There are three basic types of learning covered in this chapter.

<u>Classical Conditioning (Pavlovian Conditioning):</u> A type of learned response in which a neutral object comes to elicit a response when it is associated with a stimulus that already produces a response (page 226).



# The Basics of Classical Conditioning

Pavlov and the Dogs:



When using the vocabulary of classical conditioning, replace it with language that you are familiar with to help you learn the new vocabulary.

For example,

Conditioned = learned

Stimulus = cause

Response = effect

**Before Conditioning:** 

	"examples"	Terminology
Befcre conditioning  US  UR  UR	Food → salivating	Unconditioned stimulus (US) Unconditioned response (UR) US (food) → UR (salivating) (sometimes written as UCS → UCR)
Neutral stimulus No response	Ticking metronome → no response	Neutral stimulus (NS)  NS (metronome) → no response

**During Conditioning:** 

	"examples"	Terminology
Conditioning + US	Metronome + food → salivating	NS (metronome) + US (food) → UR (salivating)

**After Conditioning:** 

	"examples"	Terminology
After conditioning	metronome → salivating	Conditioned stimulus (CS)
		Conditioned response (CR)
		CS → CR
		CS (metronome) → CR
CS CR		(salivating)