

# Warm-Up

Scientific Knowledge

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?	Lesson Question				
0	Lesson Goals				
I	Explain how	develops.			
	Define	Identify the of			
	distinguish it from	science.			
	Recogn	Recognize the characteristics			
	that	possess.			
2K	Words to Know				
	Write the letter of the definition r lesson. You may use the glossa	next to the matching word as you work through the ry to help you.			
	science	A. based on facts instead of opinions or beliefs			
	pseudoscience	B. a process that involves the collection of information and ideas supported by evidence			
	objective	C. a process that involves the collection of information and ideas supported by belief or opinion			



# Warm-Up Scientific Knowledge



Fill in the steps of the learning process.





#### Instruction





### Instruction Scientific Knowledge



#### Science vs. Pseudoscience





# Instruction

Words to K	10W		
	an act of r the sense	ecognizing and noting s s	something by usi
	a possible question t research,	explanation of or answ nat is based on prior kr and is testable	ver to a scientific nowledge or
Characteris	tics of Scientists		
• Cur	ious-asking	about the natural	world
• Obs	servant-taking a	at the n	atural world
• Cre	ative-using	to se	olve problems
• Ske	ptical-requiring	and thinking	g logically
Observatio	າ of the Natural Wo	rld	
• Sci	entific knowledge devel	ops through making	
abo	ut the natural world.		
• An	observation may gener	ate a scientific	
• A s	cientific question may le	ad to a	
• The	hypothesis can be tes	ed through	
• Evr	perimentation leads to c	hanges in scientific	



# Instruction Scientific Knowledge





#### Instruction





# Summary

Question	How does scientific knowledge develop and progress?
Answer	
Review: Ko	ey Concepts
Science:	
• is by	a process that involves the collection of information and ideas support
• is	conducted by curious, observant, creative, and
10	
sc	vientists.
sc • bu	vientists.



# Summary

#### Scientific Knowledge

Slide
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#### **Review: Key Concepts**

Pseudoscience:

· is a process that involves the collection of information and ideas

supported by

and

Use this space to write any questions or thoughts about this lesson.