101 Introduction to Chemistry

OBJECTIVES

- 1. Define Chemistry
- 2. Identify and describe the five main branches of chemistry3. Describe the three domains of chemistry
- 4. Distinguish between pure and applied research5. Describe how modeling is used in chemistry



101.1 Chemistry 1. What is chemistry?									
101.2 Branches of Chemistry 2. What are the five main branches of chemistry?									
101.3 Domains of Chemistry3. Identify and describe the three domains of chemistry?									
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101.4 Pure and Applied Research
4. Distinguish between pure and applied research.
101.5 Modeling in Chemistry
5. How is modeling used in chemistry?

101 Concept Check Exploring Chemistry Chemistry is the study of

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,	pure resea			pplied res							
in conta	ct with it. T	new insec This type o	f research	can be cla	ssified as	birds and	small man	nmals that	may come		
(1)	(1) pure research				(2) applied research						
metal si	urfaces in o	n formulation order to present can be	event the n	netals from	-		nger and b	e more du	rable on		
(1)	(1) macroscopic			nicroscopio	copic (3) symbolic						
•		domain the					can be cla	ssified.			
(1)	macrosco	pic	(2) n	nicroscopio		(3) sy	mbolic				
-		domain th				ent below	can be cla	ssified.			
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(1)	ch branch of chemistry examines living organisms? (1) analytical (2) biochemistry (4) inorganic										
(1)	physical	hemistry e stry	(3) 0	res carbon containing compounds? (3) organic (4) inorganic							
(1) (2) (3)	•	es matter of the contract of t	•		changes th	nat matter	undergoes	:			