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3rdQ 4週 Ionic Comp 5週 Covalent C 6週 Mole 7週 Percent Co 8週 Project Pre			Define matter.  Identify the different states of matter.  Explain phase changes.  Discuss the properties of matter.			
4週 Ionic Comp 5週 Covalent C 6週 Mole 7週 Percent Co 8週 Project Pre	c Table		Explain the parts of the periodic table. Identify the elements on the periodic table. Differentiate atomic number from mass number. Calculate the relative atomic mass.			
6週 Mole 7週 Percent Co 8週 Project Pre	ounds		Differentiate ionic from covalent compounds. Identify different types of ions. Write the name of simple ionic compounds.			
6週 Mole 7週 Percent Co 8週 Project Pre	mpounds		Write the name of simple covalent compounds.			
8週 Project Pre			Explain the relationship between mole, molar mass, and Avogadro's number. Solve problems involving mole conversions.			
8週 Project Pre	nposition		Solve problems involving percent composition.			
	sentation Preparation	,	25.15 problems involving percent composition.			
9週 Chemical R	•		Explain the parts of a chemical reaction. Identify the main types of chemical reactions.			
4thQ 10週 Chemical E	auations	I	Read, write, and balance chemical equations.			

	1:	1週	Stoichiometry			Calculate the amount of product formed in chemical reaction. Differentiate limiting from excess reactants Calculate the percent yield of a reaction.						
12週 Acid			Acids	Acids and Bases			Define acids and bases. Explain the concept of pH and acid-base indicators.					
	13	3週	Acids	and Bases			Perform a simple experiment about acids and bases.					
	14	4週	Proje	ct Presentat	ion							
	15	5週	Revie	ew .								
	16	5週	Term	ı-End Examiı	natio							
モデルコアカリキュラムの学習内容と到達目標												
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基礎的能力				英語運用の 基礎となる 知識	中学 新出 切な	P学で既習の語彙の定着を図り、高等学校学習指導要領に準じた 行出語彙、及び専門教育に必要となる英語専門用語を習得して適 3 団な運用ができる。						
	人文・社会 科学	英語		英語運用能力向上のための学習	関心のあるトピックや自分の専門分野に関する論文やマニュアル 3 後1,後2 3,後4,後 2 3,後4,後 11,後12 13,後14			後1,後2,後 3,後4,後 11,後12,後 13,後14				
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	グローバリ ゼーション ・異文化多 文化理解		グローバリ ゼーション ・異文化多 文化理解	それぞれの国や地域の経済的・社会的な発展に対して科学技術が 果たすべき役割や技術者の責任ある行動について説明できる。				後15				
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