Name:	Date:	Block:
Unit 1 What is Fire? How do we of Objective 4: How does heat transfer between		7
Thermal Energy Transfer La	ab	
Context When heat (thermal energy) is applied, solids and liquids can change into gases that can ignite and burn. We need to know how heat (thermal energy) is transferred from a fire to other objects in the room to understand what objects will ignite and burn. In this video you will observe heat transfer by conduction, convection and radiation.		
Rapid Research and Report (R³)		
What is Conduction? Include words and an image that explains it best to	to you.	
Materials: (you will need to add to this list as you build your procedure) Iron (Fe) nail Copper (Cu) wire Wooden stick 3 marshmallows		
Testable Question:		
What is the effect of (insert independent variable) on (delete and insert	t dependent varia	ble)?
Procedure part 1: Individual Write an experimental design that tests for the conduction of heat throu iron, and copper). You will receive the supplies above and have access needed. Remember to follow the experimental design criteria for succe	s to others in the o	classroom as
Procedure Part 2: Partner Examine the procedure of both partners. Discuss and review the criteris make 1 procedure together.	a for success. Co	llaborate and
Partner:		

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