NAME		DAT	`E	CLASS PERIOD				
		BEHIND THI	SCENES WITH CH	EMISTRY				
				ole them to understand how movie				
		being lit on fire while filmin	_					
	n 1988, chemist Gary Zeller won an Academy Award for technical achievement for his							
		. •		natural polymers extracted from				
-		•	•	stunt people who need to set				
tnems	eives o	n fire while filming motion	pictures.					
PURPC	DSE: To	test the ability of a conduc	ctor and an insulat	or to protect a marshmallow from				
fire.		·		·				
<u>НҮРОТ</u>	<u>'HESIS</u> :	Make a prediction as to w	hich marshmallow	will be most protected.				
	 ΣΙΛΙ C+	Aluminum pan	Play-doh					
IVIATE	MALS.	Tea light candle	91% alcoh	nol.				
		3 Skewers	3 Marshm					
		Aluminum foil	5 1410131111	idilows				
		Adminum for						
PROCE	DURE:							
1.	Coat one marshmallow with aluminum foil.							
2.	Coat	one marshmallow with Play	γ-doh.					
3.	Leave	one marshmallow uncoate	ed.					
4.	Put a	marshmallow on a skewer.	Go up to the fron	t table and spray the marshmallow				
	with a	lcohol.						
5.	Retur	n to your lab station and lig	ght a sprayed mars	shmallow with the flame of a candle.				
	Allow	it to burn until the fire goe	s out. When coole	ed, examine the marshmallow and				
	record	d your observations.						
6.	Repea	t Step 5 with the other 2 m	arshmallows.					
DATA:	Obser	vations:						
1.	Uncoa	ited marshmallow:						
2.	Marsh							
CONCI	_USION	:						

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QUESTIONS:						
1.	What is (are) the variable (s) in this experiment?					
	······································					
2.	What is the control?					
3.	Which substance is the insulator?					
4.	Which substance is a conductor?					
5.	What was the purpose of the alcohol?					