Student's Name	
THINKING WITH SCIENCE	
Observation Quiz	•
Lesson 9 (Angry Liquids)	
1. The substance that we program our space probes to look for	on other planets is:
A. rock	
B. iron	
C. water	
D. oxygen	
2. In order to ask the control question for "Does the red contain the word:	any water?", we change
A. red to green	
B. contain to embody	
C. water to alcohol	
D. any to only	
3. What word should go in the blanks: "Does the green contain water?"	food coloring and
A. green	
B. only	N. Carlotte and Ca
C. some	
D. dark	
4. When we mentally switched the food-coloring from one bottl	e to the other, what did
the results prove?	,,
A. red and green food-coloring have the same density.	
B. the food-coloring doesn't matter.	•
C. the food-coloring doesn't have any effect.	
D. all of the above.	1
21 01 01 010010.	
5. An experimentation question always begins with the word:	
A. when	
B. does	
C. why	
D. if	
6. A liquid which is clear, colorless, and more dense than water	
A. corn syrup	10.
B. alcohol	
D. MOUNT	

D. mineral oil

E. none of the above.

hat did I use on my pancakes when I was a child?
A. margarine.
B. corn syrup
C. jelly
D. maple syrup
w do we know that corn syrup is more dense than water?
A. it sinks in water.
B. it floats on water.
C. it mixes with water.
D. none of the above.
hat is a group of liquids that all float on water?
A. oil
B. alcohol
C. syrup
D. all of the above.
There do cooking oils come from?
A. the ground.
B. plants.
C. animals.
D. none of the above.
Thy is mineral oil called by that name?
A. it comes from a mine.
B. it comes from the ground
C. both of the above.
D. neither of the above.
D. Heither of the above.
Thy shouldn't you use baby oil on burns, even though it is mostly mineral oil
A. it's not really oil.
B. its fragrances irritate burns.
C. it's only for babies.
D. none of the above.
hat characteristic of a substance determines whether it floats or sinks?
A. density
B. thickness
C. state of matter
D. none of the above.
2. 1010 01 110 100 00

	he word "refute" means:
	A, repeat
	B. turn around
	C. prove false
	D. none of the above.
15. W	Thy did Jar Y form 2 layers after it was shaken and then allowed to sit?
	A. oil and water don't mix.
	B. Y was oil and green was water.
	C. both of the above.
	D. neither of the above.
16. Ti	ne salad dressing that would probably be more expensive would contain layers
	A. 1
	B. 2
	C. 3
	D. 4
17. W	hat can you tell about the spices that form the bottom layer of a salad dressing?
	A. they are from foreign countries.
	B. they are more dense than the other layers.
	C. they contain pepper.
	D. they contain salt.
18. In	a 4-layer salad dressing, how do we know that the spices that form the middle
And b	ottom layer are different kinds of spices?
	A. they form 2 separate layers.
	B. they are different colors.
	C. they both sink.
	D. none of the above.
19. If a	an author makes a statement like "Joe and Frank are like oil and water", the author
means	A. One of them is a slimy character.
means	A. One of them is a simily character.
means	B. One of them is all wet.
means	

Students's Nam	Answer Kay		
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OBSERVATION	QUIZ FOR "TH	INKING WIT	H S

Quiz Number

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Quiz for Lesson								
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1.	A	В	(c)	D	E			
2.		В	C	D	E			
3.	A	B	C	D	E			
4.	A	В	C	0	E			
5.	A	В	C	(D)	E			
6.	(A)	В	C	D	E			
7.	A	B	C	D	E			
8.	(A)	В	C	D	E			
9.	(A)				E			
10.	A	B	C	Ď	B			
11.	A	В	©	D	E			
12.	A	B	C	D	E			
13.		В	C	D	E			
14.	A	В	©	D	E			
15.	A	В	©	D	E			
16.	A	В	Ç	(0)	E			
17.	A	(B)	C	D	E			
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