Fime of Day Tempera		ture Humidity		Dew Point			
eather							
	List the types of materials used to create a concrete sidewalk.						
_	Material 1	Material 2	Materia	13	Material 4		
What ma	terial from the list abo	ove would you rer	nove to create a	magic sidew	alk?		
Magic Sid	Magic Sidewalk Mix Trial 1						
	Material 1	Material 2		Material 3			
Δμοιι	nt (volume/ratio) of	Amount (volume/ratio) of Material 2		Amount (volume/ratio) of Material 3			
Amou	Material 1	Mate	rial 2	ľ	Material 3		
Observe	Material 1  Does Magic Sidewa Does Magic Sidewa	k Trial 1 stick toge k Mix Trial 1 look	ether? magical?		Material 3		
Observe	Material 1  Does Magic Sidewa	k Trial 1 stick toge k Mix Trial 1 look	ether? magical? d you remove?		Material 3  Material 3		
Observe Magic Sid	Material 1  Does Magic Sidewa Does Magic Sidewa  lewalk Mix Trial 2. Wh	lk Trial 1 stick toge lk Mix Trial 1 look nat material woul	ether? magical? d you remove? rial 2 ume/ratio) of	Amount	Waterial 3		
Observe  Magic Sid  Amount  Observe	Material 1  Does Magic Sidewa Does Magic Sidewa  lewalk Mix Trial 2. Wh  Material 1  Int (volume/ratio) of Material 1  Does Magic Sidewa Does Magic Sidewa	Ik Trial 1 stick toge Ik Mix Trial 1 look  In at material would  Mate  Amount (volumate)  Ik Trial 2 stick toge Ik Mix Trial 2 look	ether? magical? d you remove? rial 2 ime/ratio) of rial 2 ether? magical?	Amount	Material 3		
Observe  Magic Sid  Amount  Observe	Material 1  Does Magic Sidewa Does Magic Sidewa  lewalk Mix Trial 2. Wh  Material 1  nt (volume/ratio) of Material 1  Does Magic Sidewa	Ik Trial 1 stick toge Ik Mix Trial 1 look  In at material would  Mate  Amount (volumate)  Ik Trial 2 stick toge Ik Mix Trial 2 look	ether? magical? d you remove? rial 2 ime/ratio) of rial 2 ether? magical?	Amount	Material 3		

Name	::		Date:	Class:				
Day 2 Magic Sidewalk Worksheet								
Time of Day Temperature		Temperature	Humidity	Dew Point				
Wea	ther							
<ul> <li>Magic Sidewalk Infiltration Testing</li> <li>Infiltration Rate         Use the same amount of water for each trial and keep track of the time it takes for the water to disappear.     </li> </ul>								
		Volume of water (ml)	Time to drain (sec)	Infiltration rate (ml/sec)				
	Trial 1							
	Trial 2							
	Trial 3							
	2. Observations: Describe what happens to the water when you pour it onto the surface of your "magic" sidewalk.							
3. V	3. What magic sidewalk mix would you recommend for reducing the amount of stormwater runoff?							