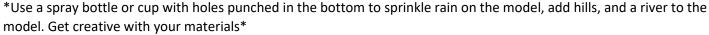
Name:			Date:	Period:	GROUNDWATER FOUNDATION
While	you com	plete each activity, please follow alon	g with this lab sheet.		Protect. Connect. Inspire.
GR	OUN	IDWATER AND SUR	FACE WAT	ER:	
					IEY CONNECTED?
_	a.	is an underground The gravel in this container will repre			
2.		groundwater:			
	a.	List four things groundwater is used i.	or:		
		ii.			
		iii. iv.			
	b.	Define infiltration:			
				_	
3.	Sketch	a picture of your aquifer and label the	saturated and unsatu	rated zones of the wate	r table
4.	Define	surface water:			
5.		be how your water table changed whe	n you added water dir	ectly to the	

Extension

Additional materials needed for extension activities:

- -spray bottles filled with water
- -different sized gravel: aquarium gravel vs outdoor patio gravel to show particle size
 - Potting soil, mulch, compost, natural materials
 - Clay
 - Colored pencils

scharge		





B. 1. Add different layers of strata to your model by using different materials (different grades of grav soil, clay, etc.) Try different materials such as sand, clay, or foil to create bottoms of the surface water bodies i model.								
2. Include a confined aquifer or confining layer to the model.								
3. Sketch a picture of your new model and label it with the confined aquifer								
4. Add water to your new confined aquifer, note how long it takes for the water to seep into the layers								