Ρ		ctivity 0.2P <sup>r</sup> ition Setup	T: Plant Growt Worksheet	h	
	need (for each group): Small (e.g. 7X10 cm) alum 20 radish seeds 15 cm of cotton yarn Brown paper towel (roll or 2 Markers/masking tape to la A balance to measure mas	2-3 sheets ea.) abel your container			
	ss will need:				
	Large trays with at least 5 of Grow lights (recommended I L of water (for starting se	1)	ainers in and hold water.		
		rients. (E.g. Ionic Grow, I	Miracle Grow, etc.) for use onc	е	
	seeds have sprouted. he procedures below to se	t un vour investigation			
	nting the seeds: Check				
	Count your radish seeds. F Measure the mass of your abel your aluminum conta	Record how many seeds radish seeds and record iner with your names an	you will plant in the table belowed in the table.	W.	
□ F	<ul><li>Run the yarn through the hole so that half the yarn falls outside the container and half is inside.</li></ul>				
	<ul> <li>□ Crunch up 2-3 chunks of brown paper towel and place in the bottom of the container.</li> <li>□ Cut out a piece of brown paper towel big enough to cover the bottom of the container and a bit up the sides. You'll place your seeds on this piece of paper towel, so let the edges curl up so the seeds don't fall out. <b>Optional:</b> Mass all the brown paper towel in</li> </ul>				
	your container and record in the table.  Carefully place all of your radish seeds on top of the paper towel. Spread them out a bit				
	to give them room to grow.  Carefully transfer your planted container to the class tray.  As a class, gently pour some of the plain water in to the class tray with just enough to soak the paper but not put the seeds under water.  Place the trays in a sunny, warm windowsill or under grow lights.  Use the rest of the water only as needed throughout the growing period. You can start using the nutrient solution once the cotyledons turn green. Caution: If your plants get to wet, they'll mold!				
	Number of seeds	Total mass of the	(Optional) Mass of the		
	massed and planted	seeds	paper towel	-	
		grams	grams		

Name \_\_\_\_\_\_ Date \_\_\_\_\_



## **B.** Ongoing Observations and Data Collection

As your radish plants germinate and grow, make regular observations in this table.

Ideas of what to record: germination date, percent of seeds that germinate, how often you add water to the trays, appearance of growing plants, how fast the plants are growing, and more!

Date	Observations		