**Lesson Plan Template** 

Grade: Vi		=000011110	ın Template	
Graue: Kind	dergarten		Subject: Science	
Materials: Soil, Dixie cup, radish seeds, aluminum foil, spray bottle, paper		Technology Needed: Science Videos from Mystery Science		
plates/bowls, label stickers				
Instructional Strategies:		Guided Practices and Concrete Application:		
	<u>instruction</u>	Peer teaching/collaboration/	Large group activity	<u>Hands-on</u>
	<u>d practice</u>	cooperative learning	Independent activity	Technology integration
	tic Seminar	Visuals/Graphic organizers	Pairing/collaboration	Imitation/Repeat/Mimic
	ing Centers	PBL	Simulations/Scenarios	•
Lecture <u>Discussion/Debate</u>		Other (list)		
Technology integration Modeling		Explain:		
Other	(list)			
Standard(s			Differentiation	
K-LS1-1. Describe patterns, through observation, of what plants and animals (including humans) need to survive			Below Proficiency: Partner work and extra prodding questions to help guide their thoughts	
Objective(s)			Above Proficiency:	
	•	e radish seeds need sunlight in order to	Ask questions that take their thinking deeper. Ex: They say: "The tree	
grow and set up an experiment that will either prove or disprove their theories.			couldn't grow without sunlight", you ask "What had to change so the tree could get the sunlight?"	
Bloom's Taxonomy Cognitive Level: Apply			Modalities/Learning Preference	es (Auditory, Visual, Tactile,
			Kinesthetic)	
			Auditory: Discussion questions and	and visuals of what plants do without
			water and the lack of sunlight for th	· · · · · · · · · · · · · · · · · · ·
			Tactile: Planting the seeds in the dir	
			Kinesthetic: They changed location	a couple of times and the short activity
			of acting like a plant that didn't hav	e water
Classroom Management- (grouping(s), movement/transitions, etc.) They will pick their own partners, but I will give them a time limit- You have 5 seconds to pick a partner, 5, 4, 3, 2, 1. When moving from the carpet spot to the tables pick the quiet sitters who seem ready to start. When moving from the tables back to the carpet them can just come in a big group.			Behavior Expectations- (systems, strategies, procedures specific to the lesson, rules and expectations, etc.)  They are expected to sit nicely at the carpet with their focus on me. When they get their supplies, they will wait before doing anything. If they aren't listening, they will go to a think spot before rejoining the group. When they are off task or need to be regrouped, I will use, "Class, Class" to which they will respond, "Yes, yes". Expect them to be quiet and listening before explaining the next step	
Minutes		Procedures		
Minutes	Set-up/Prep:	Procedures		
	Set-up/Prep:  • Fill 20 Dixie cu			
	<ul><li>Fill 20 Dixie cu</li><li>Have seed spread</li></ul>	ps with dirt ead out on 5 different plates (1 for each ta	yes". Expect them to be quiet and listening	
	<ul><li>Fill 20 Dixie cu</li><li>Have seed spre</li><li>Have labels for</li></ul>	ps with dirt ead out on 5 different plates (1 for each ta them to write their name pre-cut out so y	yes". Expect them to be quiet and listening	
	<ul><li>Fill 20 Dixie cu</li><li>Have seed spre</li><li>Have labels for</li><li>Have extra soi</li></ul>	ps with dirt ead out on 5 different plates (1 for each ta them to write their name pre-cut out so y on hand in case they spill their dirt	yes". Expect them to be quiet and listening ble) You can give each kid one	
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	of them in a dark place where they won't get any sun.				
	When I tell you to, I'm going to have you pick your partner, and then we're going to help each other through setting up the experiment.				
10	Explore: (independent, concreate practice/application with relevant learning task -connections from content to real-life experiences, reflective questions- probing or clarifying questions)				
	During this time the students will be planting their seeds and working together:  Steps:				
	1. Get supplies- each student gets a cup with dirt and a label- each table gets plate with seeds 2. Write names on label				
	<ol> <li>One student puts an "X" by their name- Have one partner raise their hands and they put the X by their name</li> <li>Have everyone count out 10 seeds and put them in the soil</li> </ol>				
	<ul> <li>Use spray bottle to squirt 2 squirts in the cup- pass it around and let them do it</li> <li>Place cup without X on it in the sunlight- Call quiet sitters who are ready to go- one at a time to not let the chaos go</li> </ul>				
	<ol> <li>Cover cup without x on it with tin foil- One partner holds the cup, the other one covers it with tin foil</li> <li>Put tin foil cups in a box- Bring the box around and have them set the cups in it</li> <li>Put the box in the cupboard- teacher does this</li> </ol>				
3	Review (wrap up and transition to next activity):  Bring them back to the carpet and ask: "Based on what we learned about plants and what they need to grow, which seeds do you think will grow the best? The ones in the sunlight, or the ones without the sunlight? Why do we think that? What did we learn in the videos that might help us to form our predictions?				
Formative Assessment: (linked to objectives)		Summative Assessment (linked back to objectives)			
_	monitoring throughout lesson- clarifying questions, check-	End of lesson:			
in strategies, etc. Thumbs up thumbs down, finger on your nose when you're ready to move on		They'll cover this when the experiment is finished in 4 days. They'll talk about their predictions and which one grew better and why.			
		If applicable- overall unit, chapter, concept, etc.:			
Consideration for Back-up Plan:  If things are going badly drop it, move onto the next activity, and come back to it another day. This one is extremely important and has to be done in the right way in order to work well and they'll get more out of it if they are able to enter in and fully participate					
Reflection	(What went well? What did the students learn? How do you l	know? What changes would you make?):			