

Biology Module Yr 1 - 2010

Activity	Materials	Provided		Not Provided
		Facilitator	Teacher	Needed
*Carbohydrate Kit	Kit for 36 students	X	X	
*Storage	Water storage/Photo storage containers	X	X	
*Water Model	Sticky Water Molecules set	X	X	
Animal Cell Model				
Animal Cell	Sheet protector	X		X
Animal Cell	Gray foam or felt sheet			X
Animal Cell	marker - Blk			X
Animal Cell	Glue gun/Glue sticks			X
Animal Cell	Pink foam sheet	X	X	
Animal Cell	Felt square - any color	X	X	
Calvin Cycle Role Play				
Calvin Cycle Reinactment	Velcro dots (2 pks)	X		X
Calvin Cycle Reinactment	Muffin pans (need 5 per set)	X	X	
Calvin Cycle Reinactment	Shower curtain - Green if possible	X	X	
Calvin Cycle Reinactment	Construction paper (1 pk w/ blue, red, orange)	X	X	
Calvin Cycle Reinactment	Ball - blue (larger)	X	X	
Calvin Cycle Reinactment	Ball - White (smaller)	X	X	
Calvin Cycle Reinactment	Balls - Tennis size	X	X	
Calvin Cycle Reinactment	Card stock (1 pkg)	X	X	
Calvin Cycle Reinactment	Plastic chains (1 meter long)	X	X	
Chloroplast Model				
Chloroplast Model	Sheet protector	X		X
Chloroplast Model	Straw - clear	X		X
Chloroplast Model	Glue gun/Glue sticks			X
Chloroplast Model	Green foam sheets -8.5x11"	X	X	
Chloroplast Models	craft glue (bottle)	X		X
Chloroplast Models	scissors			X
Chloroplast Models	Paper plates (plain) 20 plates	X	X	
Chloroplast Models	Small cell bubble wrap - 1 Roll (25 ft)	X	X	
Chloroplast Models	Pony beads - Green - 2 pkg. (360 count)	X	X	
Chloroplast Models	Chenille stems - Green (1 pkg 100 count)	X	X	
Chloroplast Models	Green Construction paper (1 pkg 50 count) (9"x12")	X	X	
Chloroplast Models	Green Foam sheets - large (12"x18")	X	X	
Elements and Compounds	marker - Blk			X

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Elements and Compounds	scissors			X
Elements and Compounds Light Independent Hands-on	Construction paper (5 different colors) white, yellow, dk blue, lt blue, red	X	X	
Light Independent Reaction Cycle	Zipper bags - sandwich size (1 box)	X		X
Light Independent Reaction Cycle	Pony Beads - Black (2 pkg -360 count)	X	X	
Light Independent Reaction Cycle	Pony Beads - Yellow (1 pkg -360 count)	X	X	
Light Independent Reaction Cycle	Chenille stems - White 1 pkg. (100 count)	X	X	
Photosynthesis in Leaf Disks				
Photosynthesis in Leaf Disks	Spoon - plastic	X		X
Photosynthesis in Leaf Disks	60 watt lamps	X		X
Photosynthesis in Leaf Disks	Spinach (bunch)			X
Photosynthesis in Leaf Disks	Metal hole punch (3-1 hole)			X
Photosynthesis in Leaf Disks	Dropper	X	X	
Photosynthesis in Leaf Disks	Baking soda (box)	X	X	
Photosynthesis in Leaf Disks	Detergent (small bottle)	X	X	
Photosynthesis in Leaf Disks	Plastic cups - Clear (small)	X	X	
Photosynthesis in Leaf Disks	Plastic syringes - Large (7 needed)	X	X	
Photosynthesis in Leaf Disks	Plastic cups - Clear (large)	X	X	
Plant Cell Model				
Plant Cell	marker - Blk			X
Plant Cell	Glue gun/Glue sticks			X
Plant Cell	Gray foam or felt sheet	X	X	
Plant Cell	Green foam sheets -8.5x11"	X	X	
Plant Cell	Felt square - any color	X	X	
Plant Cell	Sheet protector	X		
Properties of Water Stations				
Station #1: Freeze	parafilm	X		X
Station #1: Freeze	8 oz water bottle (2)			X
Station #1: Freeze	Plastic Tub	X	X	
Station #10: What's the difference?	5 different liquids			X
Station #10: What's the difference?	Water from various sources (5)			X
Station #10: What's the difference?	pH paper (pH 1-14)	X	X	
Station #10: What's the difference?	Plastic cups - Clear (small)	X	X	
Station #11: Sliding Through ACC	toothpicks	X		X
Station #11: Sliding Through ACC	rubber bands 2 rubber bands)	X		X

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Station #11: Sliding Through ACC	Water			X
Station #11: Sliding Through ACC	Petri dish - disposable (5 petri dishes)	X	X	
Station #11: Sliding Through ACC	Glass slides (need 4) (72 in pk)	X	X	
Station #2: Dish and clips1	tweezers	X		X
Station #2: Dish and clips1	paper towels (5 roles)			X
Station #2: Dish and clips1	Paper clips (5 paper clips)	X	X	
Station #2: Dish and clips1	12oz plastic bowl	X	X	
Station #2: Dish and clips2	Paper clips (5 paper clips)	X		X
Station #2: Dish and clips2	detergent	X		X
Station #2: Dish and clips2	paper towels			X
Station #2: Dish and clips2	12oz plastic bowl	X	X	
Station #2: Dish and clips2	tweezers	X	X	
Station #3: Stir it Up	paper towels			X
Station #3: Stir it Up	Water			X
Station #3: Stir it Up	glass stirring rod (need 1)	X	X	
Station #3: Stir it Up	plastic coffee stirrer	X	X	
Station #3: Stir it Up	Plastic cups - Clear (large)	X	X	
Station #4: A Clean Dime	Dime			X
Station #4: A Clean Dime	paper towels			X
Station #4: A Clean Dime	Dropper (10 needed)	X	X	
Station #4: A Clean Dime	Plastic cups - Clear (large)	X	X	
Station #4: Stop on a Dime1	Dime			X
Station #4: Stop on a Dime1	paper towels			X
Station #4: Stop on a Dime1	Dropper	X	X	
Station #4: Stop on a Dime1	Plastic cups - Clear (large)	X	X	
Station #5: Wax on, Wax off	Wax paper	X		X
Station #5: Wax on, Wax off	paper towels			X
Station #5: Wax on, Wax off	Water			X
Station #5: Wax on, Wax off	Dropper	X	X	
Station #5: Wax on, Wax off	Alcohol	X	X	
Station #5: Wax on, Wax off	Plastic cups - Clear (large)	X	X	
Station #6: Ballooney	paper towels			X
Station #6: Ballooney	Water			X
Station #6: Ballooney	Buret	X	X	
Station #6: Ballooney	Buret Stand	X	X	
Station #7: Anti-Gravity	marker - Blk			X
Station #7: Anti-Gravity	Metric ruler			X
Station #7: Anti-Gravity	paper towels			X
Station #7: Anti-Gravity	Stapler			X
Station #7: Anti-Gravity	Food coloring	X	X	

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Activity	Materials	Provided		Not Provided
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Station #7: Anti-Gravity	12oz plastic bowl	X	X	
Station #8: Look Very Carefully!	10 mL graduated cylinder - glass	X	X	
Station #8: Look Very Carefully!	10 mL graduated cylinder - plastic	X	X	
Station #8: Look Very Carefully!	Alcohol	X	X	
Station #9: Pepper Anyone?	water			X
Station #9: Pepper Anyone?	Pepper	X	X	
Station #9: Pepper Anyone?	12oz plastic bowl	X	X	
Station #9: Pepper Anyone?	detergent	X	X	
Station #9: Pepper Anyone?	toothpicks	X	X	