

Subjects/Activities	Time to complete	SOL Correlation
Astronomy		
1.Model Rockets	3hrs-not including drying time, 2-day activity	PS 10
2.Sundials and Sunspots	1hr.	6.10
3.Solar Bingo	1hr.	6.10
4.Astronomy models	1hr.	ES14
5.Star Gazing	2hrs at night	ES14
6.Golgal Ball	45min.	PS10,ES12
7.Star tag	45min.	ES12
8.Creature Features	45min.	Bio8
9.Moon phases	45min.	6.10
Herpetology		
1.Snake lore	1-1.5hrs	LS5,LS7,LS10
2.Habitat hike	1hr	LS9,LS10
VA Wildlife		
1.Oh Deer	45min.	LS4
2.How many bear live in these woods	45min.	Science 1.5,3.6
3.Polar Bear in Phoenix	45min.	Science3.5,LS8,Science5.5
4.Owl Pellets	1hr.	Science 1.6,3.4,5.5
5.Wildlife I.D kit	1hr.	LS5
6.Tracks	1-2hrs.	LS 5
7.Ethic - Reasoning	45min.	Science 4.8,3.10,6.11
8.Quail habitat	1hr.	LS9, Ls12,5.5,4.5
Entomology		
1.Bugtraps	2day activity	Bio9,LS1
2.Aquatic bugs	45min.	LS12,LS7LS5
3.Are you my parent	45min.	LS5

4. Soil food chain	1hr.	5.5,LS7,LS9LS11
Ornithology		
1. Name that Bird	1hr.	Science1.5,6.1,LS5
2. Super birds	45min.	Science1.5,6.1,LS5
3. The Incredible Egg	45min.	K6,2.4
4. Pass the part	30min.	LS5
5. Molt the Duck	45.min	LS 5
6. Hoo Gives a Hoot	45min.	Science3.4,3.5,LS8
7. Fill the Bill	45min.	Science1.5,3.4,3.5&LS10
8. Feet Are Neat	45min.	ScienceScience1.5,LS10
9. Flappers	45min.	Science 1.5LS5
10. Predation Game	45min.	Science 3.5
11. Migrating the Extinction	45min.	Science 3.10LS52
12. Getting Out of a Bird	45min.	SOL 3.10, LS12
13. Early bird gets the plastic	45min.	SOL 3.10, LS12
14. Building Feeders and Houses	1hr.	SOL K6,1.5,L54
15. Know your Bird	45min.	SOL LS5
3 R's Reduce, Reuse, Recycle		
1. Composting	20min.	SOL K10,1.8,4.8,6.11
2. Life chain in ground	30min.	SOL 4.8,6.9,LS7
3. A rotten place to live	45min.	SOL 4.8,6.9,LS7 LS9
4. Water Meter	45min./chart for week	SOL 3.9
5. Trash traps	45min.	SOL 4.8,LS7
Stream Ecology		
1. Watershed Walk	1hr.	SOL 2.7
2. Stream Doc.	45min. -1hr.	SOL 1.4,1.5 LS5 LS7
3. Just passing through	30min.	SOL 3.7

4.Macro invertebrate	45min.	SOL 4.5
Lake Ecology		
1.Rainy day Hike	45min.	SOL 2.6
2.Lake Zones	45min.	SOL LS7 LS8 LS10
3.Do pH test	45min.	SOL 4.1 BIO3
4.Dip Netting	1hr.	SOL 2.4 3.5,3.6 LS4 LS5
5.Are You Me	45min.	LS5
Soil		
1.Erosion	30min.	SOL4.8
2.Soil Layers	30min.	SOL 1.8,2.8,3.7
3.Just passing through	30min.	SOL 3.7
4.The Great Stoney	45min.	SOL 5.7
5.Ground Water model	45min.	Science K9,1.8,3.7,3.9,4.8
6.Enviroscape model of land	45min.	Science 5.7,ES2,ES3ES4
Geology		
1.Mineral I.D. Test		
a. field	45min.	Science ES5,ES7,PS2
b. specific gravity	30min.	PS2, PS1
2.Digging Fossils	1hr.	ES10
3.Lay of the Land	1hr.	ES8
4.Panning for gold	1hr.-1 1/2	ES5 ES7
5.Rock Hunt	1hr.	ES6
Forest Investigation		
1.Every tree for itself	45min.	LS4
2.Tree Factory	30min.	6.8
3.Nothing Succeeds the Succession	45min.	6.2
4.Make own paper	45min./2days	1.8

5.Name that tree	45min.	5.5
6.How big is your tree	1hr.	5.4
7.Tree in trouble (part b)	45min.	6.8
8. The 400-acre wood	45min.	LS12
Weather Studies		
1.Rain Showers	20min.	K9,2.6
2.Thunder Storm	15min.	2.6
3.Poetic Precipitation	45min.	2.6
4.Weather instruments	45min.	2.6,4.6,ES13
5.Rainy Day Hike	45min.	2.7
6.Tree Cookie	45min.	1.7
7.Weather Forecasting	45min.	2.6,3.9,3.8
Water Quality		
1.Incredible Journey	45min.	Science 2.6,3.8,3.9
2.Common Water	45min.	Science K2,4.8
3.Water Match	45min.	Science K5,1.8
4.Energetic Water	45min.	Science 3.2
5.Molecules in Motion	45min.	Science 3.3
6.Money down the drain	45min.	Science 3.9
7.Water Olympics	45min.	Science 6.2
8.Is there water on Zork?	1hr.-1 1/2	Science 6.6
9.Sum of the parts	45min.	Science 6.11
10.Poison Pump	45min.	LS11
11.Water Wizard War	Day activity	K5,K10,SS 1,SS 2.3,SS 2.6, and many more
Orienteering		
1.Maps	40min.	Geography 3.5, ES3
2.Maps and Compass	1-1 1/2 hr.	ES2, W geography 10.1
Team Building		

1.Mouse Trap	45min.	Oral Lang. 6.1, 6.2, 7.1, 3.1, 3.2
2.Save the doedo bird	1/2-1hr.	
3.Pot of gold		
4.hear, speak, say no evil	45min.	
5.Giant skis	45min.	
Night Activities		
1.Night Hikes	2hrs.	Science 4.5,4.7,5.5,LS9,K2
2.Creature of the Night	45min.	Science 4.5,4.7,5.5
3.Owl Calling	30min.	Science 3.4,3.5
4.Star Gazing	1hr-2hrs	Science 6.10 ES14
5.Campfire	45min.	Lang. 5.1,5.2
6.Outpost Camping	Overnight to 9:00 a.m.	Geo. 1.7,5.3, Wgeo 10.9
Low Ropes		
	1-4hr(s).	Oral Lang. 6.1,6.2,7.1,3.1,3.2 PE 3.4, 4.4, 5.5, 6.4, 7.4, 8.5, 9.4, 10.4 English - 3.1, 4.1, 5.2, 6.1, 7.1, 7.2
High Ropes		
	4hr.	PH5,PH6,PS6,PS1,PS10 PE 3.4, 4.4, 5.5, 6.4, 7.4, 8.5, 9.4, 10.4 English - 3.1, 4.1, 5.2, 6.1, 7.1, 7.2