

Theme:

Planet Protectors (special pack meeting)

Date:

Duty Six:

Time	Min	Activity	Equipment	Scouter
	05	<p>PLANET PROTECTOR PARADE</p> <p>The Cubs, who are dressed up as Planet Protectors, move around in a circle to the music. Have 'prizes' for the best dressed Planet Protector; the most colourful Planet Protector; the happiest Planet Protector, etc.</p>	Music (optional), clap hands or beat a drum	
<i>Planet Earth is struggling; Planet Protectors to the rescue!</i>				
	05	<p>STEAM RELEASE: Save our planet</p> <p>The sheets of newspaper are spread out around the playing area. On the word 'go' the Cubs run around and when 'stop' is called the Cubs must find a sheet of newspaper to stand on. A sheet is then removed and the game begins again. Game continues until one Cub is left or time is up.</p>	A sheet of newspaper per Cub	
<i>As Planet Protectors we need to teach others about the effects of pollution on our environment.</i>				
	15	<p>ACTIVITY: Can you undo water pollution?</p> <p>Experiment to see just how hard it is to undo water pollution:</p> <p>Bucket of clean water, some household rubbish, vegetable oil (to stand for toxic oil), wooden spoon and a strainer. Let the Cubs take turns in adding litter to the water. Once the water is yucky enough, let them try to remove all the pollution using the wooden spoon and strainer. Did they manage? Should be left with a pile of rubbish and water that is still oily and dirty. Conclusion: it is impossible to remove all of the pollutants from the water.</p>	Basin; water; oil; litter (e.g. banana peels, plastic, paper, etc.)	
<i>Recycling means re-using materials that we would normally throw away. It also reduces waste and energy use.</i>				
	10	<p>TEAM GAME: Bottle bowling</p> <p>Wash and dry the bottles before making the pins. Put an inch of sand in each bottle using a funnel. The sand will weigh down the pins, making it harder to knock down. Set up the plastic bowling pins in the playing area and have each Cub, in turn, see if they can knock down the pins. The Cub who bowls down the pins fastest will be the winner.</p>	6 x 2-litre bottles; lightweight balls; sand; funnel	
<i>Planet Protectors we can all learn a lesson from nature.</i>				
	05	<p>YARN: A lesson for the big bugs!</p>	Yarn	
<i>I wonder how many of the items the 'litterbugs' collected could have been recycled instead of being thrown away.</i>				
	10	<p>ACTIVE GAME: Scavenger hunt</p>	Recyclable items like bottles, paper, etc.	

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		Hide a number of recyclable items around the playing area. In Sixes the Cubs are to find as many items as they can in the allotted time.		
<i>Planet Protectors, did you know that composting food waste helps combat climate change and give back to the soil.</i>				
	15	ACTIVITY: Growing things SW: CD plant display GW: Ziploc Compost See instructions below.		
<i>Forests absorb huge amounts of carbon dioxide – a greenhouse gas – from the air, and release oxygen back into it. Sadly, lots of forests are being cut down to make way for farmland and roads.</i>				
	10	RELAY GAME: Trees Sixes line up in relay formation. Each Cub in the Six is given the name of a tree; each tree has a different action allocated to it, e.g.: Oak Run using long strides Yellowwood Two run with arms around each other Blue Gum Run on tip toes Willow Run backwards Spekboom Fast walk Mulberry Skip Or whatever else you can think up. When the name of a tree is called, all the Oak trees have to run, using long strides, to the end of the playing area and back. Another tree is called and so on until everyone has had a turn.	None	
<i>Planet Protectors are you ready to make a difference in the world?</i>				
	10	REVISION GAME: Have the Cubs line up along one side of the playing area. Ask questions to revise what has been covered in both programmes, e.g. <ul style="list-style-type: none"> • If you used a plastic bag today take one step forward; • If you turned off the tap whilst cleaning your teeth take two steps forward; • If you left the light on when you left the room take one step backwards. • If you threw a paper on the ground take three steps backwards. 	Set of questions based on the Energy Saver and Planet Protector programmes	
<i>It's up to us, each and every one of us, to create a better world!</i>				
	05	PRIZES	Small sweets	
	05	CLOSING		

Acknowledgements: Games for Cubs; the new 'Gilcraft' Series, number four; Hotch Potch, volume 1; <https://www.momjunction.com>; Climate Change – Adult Handbook - 2011

Advancement covered:

SW	Growing Things:	Grow a seed (pea, bean, mealie or bulb) in a transparent container. When it is big enough plant it in soil.
SW	Our Precious Planet:	Find out three things that can cause water pollution and show how you could possibly undo pollution in water.
GW	Growing Things:	Make and use compost from unwanted vegetation.

Yarn: Lesson for the big bugs!

Give each Six a different sound to make.

Bees:	Buzz-Buzz
Ants:	Hup-2-3-3
Mosquitoes:	Bite-e-Bite
Frog:	Croak-Croak
Woods:	All sounds together

This is a story about Bill and his family and their adventure in the **Woods**. One fine spring day, Billy's family decided to go for a picnic in the **Woods**, where they could enjoy the outdoors. They packed a nice picnic basket and headed out on their walk.

As soon as they got to where they were going, they found a nice place to set up their picnic. Billy and his brother went to the stream where they looked at a **Frog**. They heard some **Bees** over by the wild flowers, and watched some **Ants** walking on the ground. Being close to the water, they were also being bothered by some **Mosquitoes**.

When they went back to the picnic area, they told their parents about the **Woods**. How they saw a **Frog** and how the **Mosquitoes** were bothering them. They said that the **Bees** didn't bother them and that the **Ants** were really hard workers. Dad listened closely as he unwrapped another sandwich and carelessly threw his paper off to the side. Billy's little sister had just finished a soda and dropped the can by a tree. Mom threw her paper napkin on the ground and jumped up in disgust. "That is it!" she said. "I think the **Ants** are taking over the picnic."

Dad stretched out for a nap and had just dozed off when Billy's sister started to scream. She had been stung by a **Bee**. While mom took care of her, Dad tried to go back to sleep. But he couldn't because the **Mosquitoes** were pestering him. Finally he decided that they had better go home.

Billy protested. "Why do we have to go?" "Well, Billy," Dad replied, we don't seem to be wanted here in the **Woods**. We sure haven't been treated very well. The **Mosquitoes** are eating me alive. The **Ants** took over the picnic and a **Bee** stung your sister."

"Well," said Billy, "just look around us and you'll see we haven't been very nice visitors to the Woods. Look at all the litter we've thrown around. Seems to me we're the worst bugs of all - litterbugs!"

So the family started cleaning up the mess they'd made and afterwards they felt better. They took a nice walk through the **Wood**, listening to the sounds. They actually enjoyed the buzzing of the **Bees**, the croaking of the **Frogs**, and the **Ants** at work.

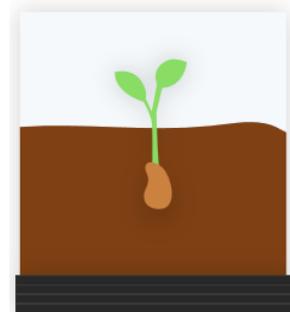
When they returned home, they were tired, but happy they had learned an important lesson that day. The worst kind of bug is a litterbug!

Growing Things:

Silver Wolf: CD Greenhouse

Collect:

- Clear CD case
- Potting soil
- Small bowl
- Seeds (grass seeds, lima beans, or pinto beans work well)
- Eyedropper
- Water
- Clear tape
- Permanent Marker



Create your greenhouse.

1. Open the CD case and remove the plastic tray that normally holds the CD.
2. Place a large handful of potting soil into a small bowl. Mix the soil with water until it is wet, but not muddy.
3. Fill the empty case halfway with the wet potting soil, leaving the half closest to the case's hinge empty. This empty space will be room for your plant to grow! Plant your seeds.
4. If you are using tiny seeds like grass or radish seeds, sprinkle them near the top edge of the potting soil. If you are using a bean, place it in the middle of the soil with the concave side facing away from the hinge of the CD case so that it looks like a frown instead of a smile.
5. Water the seeds or bean using an eyedropper.
6. Close the case and stand it upright so that the hinge is at the top.
7. Tape up any gaps in the sides and bottom of the CD case, but leave the gap in the hinge open. Observe your plant's growth!
8. Place the CD case in a sunny window. Use an eyedropper to add more water each day through the gap in the hinge of the case.
9. Observe your seed every day. Once they start growing, mark each day's root and plant growth on the CD case using a permanent marker. Depending on the seed, it will take up to 10 days to germinate.

Optional: Use different a colour permanent marker to draw in each day's growth on the CD case. How do plants grow? All plants need water, carbon dioxide, sunlight, and nutrients in order to grow from a seed into a plant. With your modifications, the CD case became the perfect habitat for the seeds to germinate and grow.

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Gold Wolf: Ziploc Compost

Items to be composted include some vegetables and some egg cartons. You want your compost to be about 60% egg carton and 40% food waste (veggies are fastest). Chop everything up super small to speed along the process – could be done prior to the meeting.

Put the chopped up items into a Ziploc bag. Add a drizzle of water (about two tablespoons or so, just so everything gets mushy). Zip the top, but put a little straw in for some air.

Mush it around a little each day, add some water when needed, and be patient. In a few weeks you will have some (albeit not much) gorgeous, rich compost.

<https://www.cbc.ca/parents/play/view/sandwich-bag-compost-experiment>