

## Lesson Plan for Land Animals- Farm Animals and Domestic Animals

### Word List:

Land	Horse	Chick	Wool
Farm	Dog	Milk	Butter
Domestic	Lamb	Wheat	Egg
Pets	Calf	Hay	Butter
Stable	Chicken	Dairy Produce	Agricultural revolution
Chicken Coop	Pig	Cow	
Sheep	Rooster	Cheese	

### Level Guide is based on age. Age groups are

- 2-3 year olds
- 3-4 year olds
- 4-5 year olds
- K-first grade (5-7)
- 2nd and 3rd grade (7-9)
- 4th grade and above (over 9)

Model Art for May:







### What we want to learn in this month:

- **What the role is of domesticated / farm animals in our lives and in community? How are we all interconnected : example: farmers take care of cows, and in turn they get milk and leather and meat from them.** We use the milk to make butter, cheese, yogurt... (the focus is not for the kids to just learn the names and forms of these animals but to understand how they are connected to our day to day lives; for example how sheep give us wool, how we use a cow's milk to make dairy products, or what would happen if we had no leather...)
- Why and how certain animals became domesticated and others did not (for example the history of the domestication of cats, horses, cows...)




### Songs for Month of April (click on link to open related document including lyrics...)



- [11. agha khargoosheh](#)
- [12. gandom o' kee doost daareh](#)




Category	Level	Activity	Material	Procedure	Comments
Science	all	<b>Homemade Butter</b>	<ul style="list-style-type: none"> <li>● heavy whip cream</li> <li>● jars with tight lids</li> <li>● cork</li> </ul>	<p>First make sure jars are sanitized and washed in hot water.</p> <p>Give each child a jar with cream inside it. Talk about where milk and cream come from. Then the fun begins. Kids start shaking their jars until the cream turns into butter To speed up the process you can add a cork to the jar. When done have the butter on bread for snack.</p>	 <p>Review where milk comes from. Have children name other products we get from milk...</p> <p><a href="#">Here</a> is an article about why cream turns into butter when shaken</p> <p>For the older kids you can have them make herb butter too. ( Just have them chop herbs and mix it into their butter)</p>
Science	2-5	<b>Milking a cow</b>	<ul style="list-style-type: none"> <li>● Latex gloves</li> <li>● Milk ( or water colored with food coloring to make it look like milk)</li> </ul>	<p>Talk to your children about where milk comes from. Then fill each child's latex glove full of milk/colored water and poke small holes in one or two of the fingers. Now the children can see how it is to really milk a cow.</p>	

Art	6-12	<b>Making a farm with clay</b>	<ul style="list-style-type: none"> <li>• clay</li> <li>• acrylic paint</li> <li>• paint brush</li> </ul>	<p>Children make clay farm animals and their surrounding environment Once dried, they can start painting them...</p> <p>This is an ongoing project of 2-3 weeks.</p>	
Nature		<b>Growing corn</b>	<ul style="list-style-type: none"> <li>• Dried corn on the cob.</li> <li>• Small sample of cornstarch, corn meal, popcorn</li> <li>• clear container</li> <li>• water</li> </ul>	<p>Talk to your class about corn and how farmers grow it. Then show them all of the different things that are made from corn (corn kernels, cornstarch, cornmeal, popcorn).</p> <p>Then the project begins each child plucks all of the kernels off of the cob. Next they put the cob into a clear container and wait about one to two weeks. New corn sprouts should begin to form. You can plant this and grow corn.</p>	
Nature	2-3	<b>Pigs playing in the mud- Sensory bid</b>	<ul style="list-style-type: none"> <li>• For mud: cornstarch, water, brown food coloring OR just use real mud</li> <li>• pig figurines</li> </ul>	<p>Mix cornstarch and water with a little brown paint and add plastic pigs, a great <u>sensory experience</u></p>	 <p><a href="http://trinitypreschoolmp.blogspot.com/2013/10/trinity-preschool-activities-for_23.html">http://trinitypreschoolmp.blogspot.com/2013/10/trinity-preschool-activities-for_23.html</a></p>
Art	all	<b>Grain and seed</b>	<ul style="list-style-type: none"> <li>• grains and seeds</li> </ul>	Supply your child with	For older children have them draw out

		<b>Collage</b>	<ul style="list-style-type: none"> <li>thick paper</li> <li>glue</li> </ul>	different kinds of seed and grain that animals would eat. Allow them to glue them to a piece of paper.	their design with a pencil then glue on the seeds & grains.
Science?	2-5	<b>Farm sensory bin</b>	<ul style="list-style-type: none"> <li>Paper,</li> <li>corn,</li> <li>play dough,</li> <li>water</li> <li>clear large bin &amp; containers</li> </ul>	<a href="http://parentsavvy.com/article/s-and-blog/304/">http://parentsavvy.com/article/s-and-blog/304/</a>	
Science / nature	2-5	<b>farm animals vs. wild animal</b>	<ul style="list-style-type: none"> <li>small animal figurines ( farm and wild animals) _ if not available cut out animals from magazines</li> </ul>	Create a barn setting (with hay and fences.) and a jungle setting ( if possible) on a table or outdoor area. Then have the kids place the farm animals inside the barn for safety and keep the others in the jungle. Take turns going around and giving each child a chance to figure out where the animal goes.	
Art /	6-12	<b>Making miniature farms</b>	<ul style="list-style-type: none"> <li>wood &amp; carpentry tools for barn and platform</li> <li>polymer clay for miniature animal figurines</li> <li>fabrics and other materials for collage &amp; decor</li> </ul>	Phase 1: children plan and build the platform , barn , fences and other structures needed in a farm with wood Phase 2: they make little clay animals that will be heated in the oven Phase 3: Decorate the barn and farm with paint, fabrics...	

					Making tiny scale figurines helps develop very fine motor skills and concentration.
Science	2-5	<b>Seeds and grains under the Magnifying glass</b>	<ul style="list-style-type: none"> <li>Assortment of seeds and grains found on farms (corn, oat, wheat, rice...)</li> <li>Magnifying glass</li> <li>Tray for seeds</li> <li>White paper for each child</li> </ul>	<p>The purpose of this project is to introduce children to the different grains and seeds that are:</p> <ul style="list-style-type: none"> <li>either harvested at a farm</li> <li>or fed to animals at a farm</li> </ul> <p>As each child examines each grain under the magnifying glass talk about each grain in terms of is it harvested on a farm, is it fed to chickens, livestock? Do we use it in our food? How do we prepare it?</p>	
Nature	2-5	<b>The imaginary farm- role play</b>	<ul style="list-style-type: none"> <li>outdoor space</li> </ul>	<p>Once children have become more familiar with farm animals they can role play outside with some pretending to be the different animals in the farm ( acting out how they move , noises they make, what they eat, where they sleep) On another day children can role play that they are farmers taking care of the farm...</p>	
Science	6-12	<b>Making Ricotta Cheese</b>	<ul style="list-style-type: none"> <li>1 gallon of milk</li> <li>1 tsp citric acid OR 1/4 cup vinegar of choice</li> <li>1 tsp salt (To Taste)</li> <li>Large pot- at least 6 quart</li> <li>Butter Muslin (fine cheesecloth)</li> <li>Thermometer</li> <li>Colander</li> </ul>	<p><a href="http://www.urbancheesecraft.com/make-cheese/easy-home-cheese-making-recipes/whole-milk-ricotta/">http://www.urbancheesecraft.com/make-cheese/easy-home-cheese-making-recipes/whole-milk-ricotta/</a></p>	 <p>Have children review all the other</p>

			<ul style="list-style-type: none"> <li>• Large Slotted spoon</li> </ul>		produce we can get from cow's milk. Also you can talk about other cheeses, talk about their differences (hard & soft, or aged or...) and what is done differently to produce different types of cheese.
Science	2-5	<b>Sheep Products</b>	<ul style="list-style-type: none"> <li>• Wool,</li> <li>• cotton balls,</li> <li>• cotton fiber &amp;</li> <li>• yarn</li> <li>• magnifying glasses</li> </ul>	<p>Talk about what we do with sheep's skin... Have children touch and examine the different products that all come from sheep skin. Have them look at their own clothing and analyze the material...</p>	
Art	6-12	<b>Fruit basket made of paper bag</b>	<ul style="list-style-type: none"> <li>• paper shopping bag</li> <li>• pencil</li> <li>• ruler</li> <li>• scissors</li> <li>• small clothes pin</li> <li>• hot glue gun</li> </ul>	<p><a href="https://www.pinterest.com/pin/237353842831929431/">https://www.pinterest.com/pin/237353842831929431/</a></p>	
Art/Science	5-12	<b>Dyeing wool with natural colors</b>	<ul style="list-style-type: none"> <li>• wool</li> <li>• pot</li> <li>• salt or vinegar depending on whether it is a berry or plant ( see instructions)</li> </ul>	<p><a href="http://pioneerthinking.com/crafts/natural-dyes">http://pioneerthinking.com/crafts/natural-dyes</a></p>	

Art	all	<b>Making toys for dogs</b>	<ul style="list-style-type: none"> <li>• Used t-shirts</li> <li>• scissors</li> </ul>	<a href="http://barkpost.com/how-to-make-a-t-shirt-dog-toy/?Source=CJ&amp;utm_source=cj&amp;utm_medium=affiliate&amp;utm_campaign=Skimlinks&amp;utm_keyword=bkskip/">http://barkpost.com/how-to-make-a-t-shirt-dog-toy/?Source=CJ&amp;utm_source=cj&amp;utm_medium=affiliate&amp;utm_campaign=Skimlinks&amp;utm_keyword=bkskip/</a>	
Art	all	<b>Yarn Art</b>	<ul style="list-style-type: none"> <li>• Different colored yarns – we did blues, greens and browns</li> <li>• Wax paper</li> <li>• Elmer's White Glue</li> <li>• Scissors</li> <li>• Shallow bowl</li> </ul>	<p>First start the project about wear yarn comes from</p> <a href="http://www.madewithhappy.com/yarn-earth-kids-activity/#_a5y_p=3649694">http://www.madewithhappy.com/yarn-earth-kids-activity/#_a5y_p=3649694</a>	 
Cooking	all	<b>Granola with yogurt</b>	<ul style="list-style-type: none"> <li>• Depends on recipe used - be sure to eliminate nuts if there are food allergies</li> </ul>	<p>You can start the conversation by going over the ingredients and asking kids to discover the links between the ingredients and farms.</p> <p>For recipe go to Charlie Cart curriculum or any granola recipe that fits your requirements.</p>	