






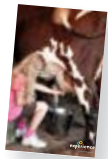













Down  
on the Farm











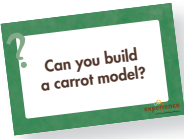

## WEEK 1 FARM ANIMALS

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<b>LESSON 1</b> <b>Chicken Coop</b> <small>MR 1 Number Sense SCI 2 Natural &amp; Earth Science</small>	Boxes Straw/shreds Paper plates Toy eggs or pompoms Crayons Wiggle eyes (optional) Scissors Orange paper Glue	 	Set up a pretend chicken coop. Fold the plates in half to look like chickens and decorate as desired. Explain that chickens can lay an egg per day. Encourage children to explore gathering the eggs from the coop and counting them aloud.
<b>LESSON 2</b> <b>Pig Houses</b> <small>MR 7 Logic &amp; Reasoning SCI 2 Natural &amp; Earth Science</small>	Building materials: sticks, straw, blocks Book: The Three Little Pigs	 	Set out a variety of building materials in the block area. Encourage children to build the different pig homes and retell the story.
<b>LESSON 3</b> <b>Stuffing Pillows</b> <small>SED 1 Self-Awareness SCI 1 Investigation &amp; Inquiry</small>	Pillowcases Baskets Stuffing materials		Invite children to explore filling the pillowcases with a variety of stuffing materials then test the softness/density.
<b>LESSON 4</b> <b>Nature Fences</b> <small>SCI 4 Technology MR 7 Logic &amp; Reasoning</small>	Nature items: rocks, sticks Bucket		Encourage children to build fences or structures for farm animals using the nature items. Pretend to be horses and jump the fences when they are finished.
<b>LESSON 5</b> <b>Milk the Cow</b> <small>SCI 1 Investigation &amp; Inquiry CA 4 Drama</small>	Bowls or bins Rubber gloves Various liquids: water, mud, hair gel	 	Fill rubber gloves with different types of liquids. Poke holes in the fingers and encourage children to explore squeezing the gloves.

## WEEK 2 IN THE BARN

<b>LESSON 6</b> <b>Planting Rows</b> <small>SCI 2 Natural &amp; Earth Science CA 4 Drama</small>	Bin of dirt Bowl of dry beans Digging tools: shovels, spoons	 	Set out a bin of dirt, bowl of beans and digging tools. Encourage children to pretend they are farmers who are planting their crops.
<b>LESSON 7</b> <b>Corn Scooping</b> <small>SCI 1 Investigation &amp; Inquiry MR 4 Measurement</small>	Bin Bowls/cups Dried corn & corn cobs with kernels Scooping tools Tape Cardboard tubes	 	Fill a bin with kernel corn and provide a variety of scooping tools. Explore picking the corn kernels off the cobs. Tape cardboard tubes onto the wall then invite children to scoop the corn into the tubes. Line up the cobs/kernels then use them to measure other objects.
<b>LESSON 8</b> <b>Things with Wheels</b> <small>SCI 4 Technology MR 7 Logic &amp; Reasoning</small>	Things that roll: toy cars, spools, skates, other items with center holes Dowel Ramp (optional)	 	Set out objects that have wheels or can roll. Encourage children to explore rolling the items or creating a wheel/axle structure. If desired, set up a ramp for children to experiment with.
<b>LESSON 9</b> <b>Straw Beds</b> <small>CA 4 Drama PD 2 Fine Motor</small>	Straw/shreds Boxes Animal figurines or plush toys	 	Set out real straw or shredded paper and provide a variety of boxes in the dramatic play area. Encourage children to create straw beds for the farm animals.
<b>LESSON 10</b> <b>Construction in the Dirt</b> <small>SCI 1 Investigation &amp; Inquiry MR 7 Logic &amp; Reasoning</small>	Box lids Dirt or sand Building materials: straws, sticks, cardboard tubes		Place lids filled with dirt or sand in the block area. Provide building materials for children to explore construction.

## WEEK 3 FARM FOOD

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<b>LESSON 11</b> <b>Parts of an Egg</b> <small>SCI 1 Investigation &amp; Inquiry</small> <small>SCI 2 Natural &amp; Earth Science</small>	Hardboiled eggs Toy eggs Pompoms	 	Set out hardboiled eggs and a variety of toy eggs and yellow pompoms. Investigate both real and pretend eggs.
<b>LESSON 12</b> <b>Cutting Wheat</b> <small>PD 2 Fine Motor</small> <small>SCI 4 Technology</small>	Materials to cut: straws, yarn, grasses, paper strips Scissors Bowls Kitchen utensils	 	Set out a variety of materials to cut and invite children to use child-friendly scissors to practice “cutting wheat.” Pretend to use the wheat to mix dough for bread.
<b>LESSON 13</b> <b>Sorting Seeds</b> <small>SCI 2 Natural &amp; Earth Science</small> <small>MR 6 Classification</small>	Variety of seeds/dry beans Tweezers Magnifying glasses Small containers	 	Set out seeds/beans with tweezers and a magnifying glass. Provide small containers and invite children to sort the seeds.
<b>LESSON 14</b> <b>Corn on the Cob</b> <small>SCI 1 Investigation &amp; Inquiry</small> <small>MR 1 Number Sense</small>	Fresh corn cobs with kernels Mallets or blocks	 	Set out corn cobs for children to peel, pluck out kernels and explore. Provide mallets or blocks to explore smashing the kernels.
<b>LESSON 15</b> <b>Carrot Model</b> <small>MR 2 Spatial Awareness</small> <small>SCI 1 Investigation &amp; Inquiry</small>	Unpeeled carrots (with toppers) cut into 4-5 sections	 	Set out several carrots, including the greens. Show children how to “reassemble” a single carrot as you point out its various parts: roots, greens, root scars. Invite children to explore “building” a carrot from the various pieces.

## WEEK 4 FARMING

<b>LESSON 16</b> <b>Seed Dough</b> <small>PD 2 Fine Motor</small> <small>MR 6 Classification</small>	Playdough Variety of seeds/beans Tweezers Muffin tin Craft sticks		Set out a large ball of playdough and invite children to help you press a variety of seeds or beans into it. Encourage them to explore various tools and ways to remove the seeds. Sort them into the muffin tin.
<b>LESSON 17</b> <b>Farm Breakfast</b> <small>CA 4 Drama</small> <small>SCI 1 Investigation &amp; Inquiry</small>	Pots, pans Felt pieces	 	Cut felt pieces into shapes of pancakes, eggs, toast, bacon. Use pots/pans and pretend to cook breakfast.
<b>LESSON 18</b> <b>Nature Market</b> <small>CA 4 Drama</small> <small>SCI 2 Natural &amp; Earth Science</small>	Nature items	 	Use found objects and nature items as pretend money. Encourage children to use these in exchange for pretend store items.
<b>LESSON 19</b> <b>Garden Designs</b> <small>MR 2 Spatial Awareness</small> <small>SED 1 Self-Awareness</small>	Bowl of seeds or beans Blocks	 	Invite children to arrange the blocks in rows or any desired designs. Place seeds on or around the block designs to create interesting gardens.
<b>LESSON 20</b> <b>Harvest Discovery</b> <small>SCI 1 Investigation &amp; Inquiry</small> <small>SCI 4 Technology</small>	Vegetables, sliced & whole Kitchen tools: tongs, spoons, potato peelers	 	Set out a variety of fresh vegetables, sliced and whole. Leave out tongs, spoons, potato peelers and other tools to investigate the vegetables.



## Set-Up Directions

These open-ended STEAM stations invite children to investigate, problem-solve and create.

- Hang the Big Question and Inspiration Photos on the wall next to the place you set up the investigation.
- Use the labels to identify and organize materials children will use (and clean up) as they explore STEAM stations.

## ROTATING YOUR STATIONS

- Introduce one new STEAM station daily. Leave that station set up all week. By the end of the week, children will have five stations to explore.



**STEAM stations** integrate perfectly with the monthly Experience Preschool Curriculum kits for a comprehensive research-based early learning system. Learn more and start your research-based curriculum today.

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**How many eggs  
can you find?**



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**Can you build  
a house  
for three pigs?**



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**Can you make  
a pillow?**



**How high can  
you jump?**





**Can you milk  
a cow?**



**Can you  
make rows?**





**How can you  
measure corn?**



**How do  
wheels work?**





**How do animals  
use straw?**



**What can you  
build in dirt?**



**What are the parts  
of an egg?**



**What tools  
cut grass?**





**How do  
seeds look?**



**How many corn  
kernels can  
you count?**



**Can you build  
a carrot model?**



**Can you  
sort seeds?**





**Can you pretend  
to cook breakfast?**



**What can you  
find at  
a nature market?**



**Can you design  
a garden?**



**How are  
vegetables similar  
and different?**









  
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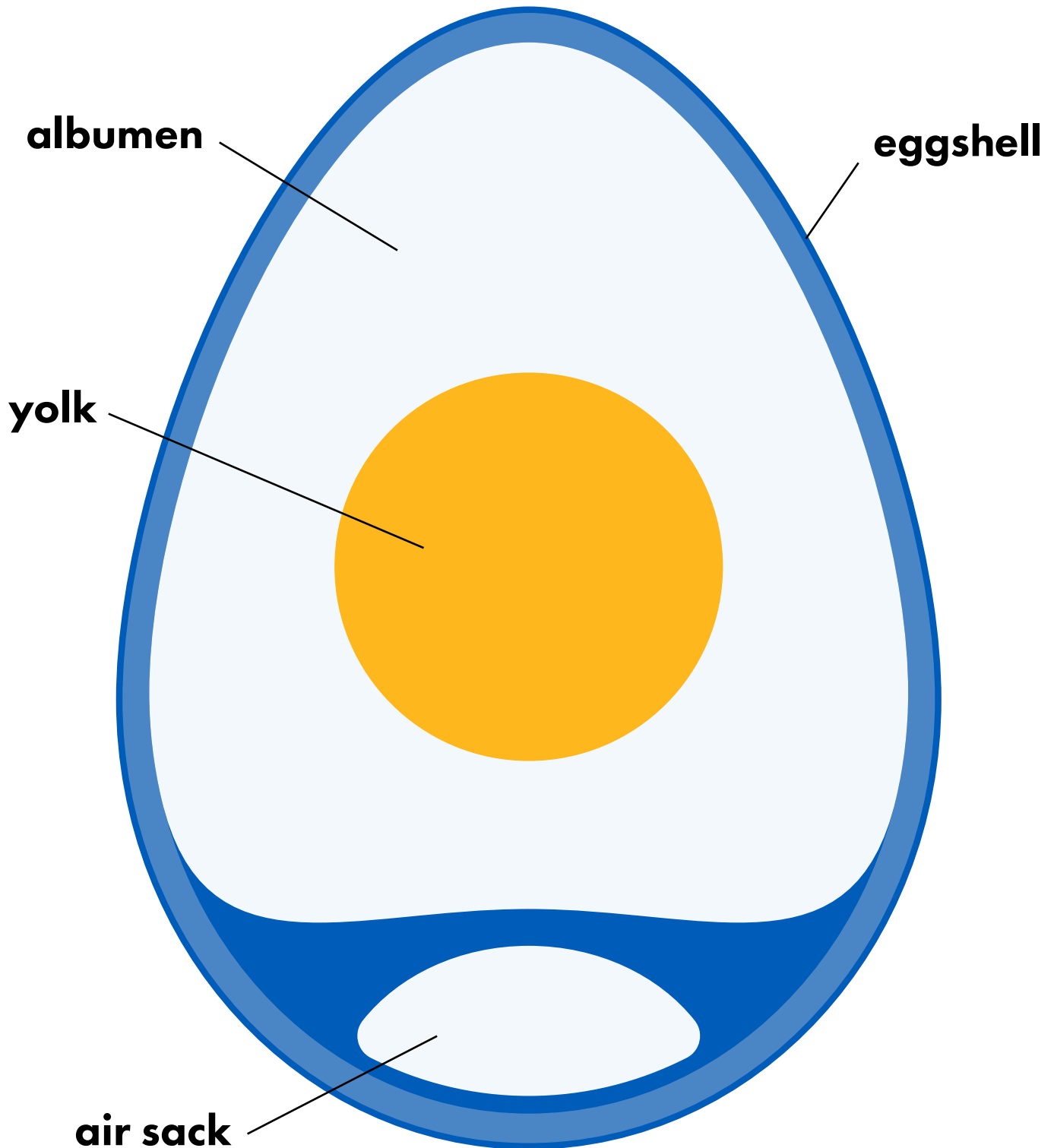
  
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# Parts of an Egg





  
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# Common Seeds



Mustard



Flax



Corn



Pumpkin

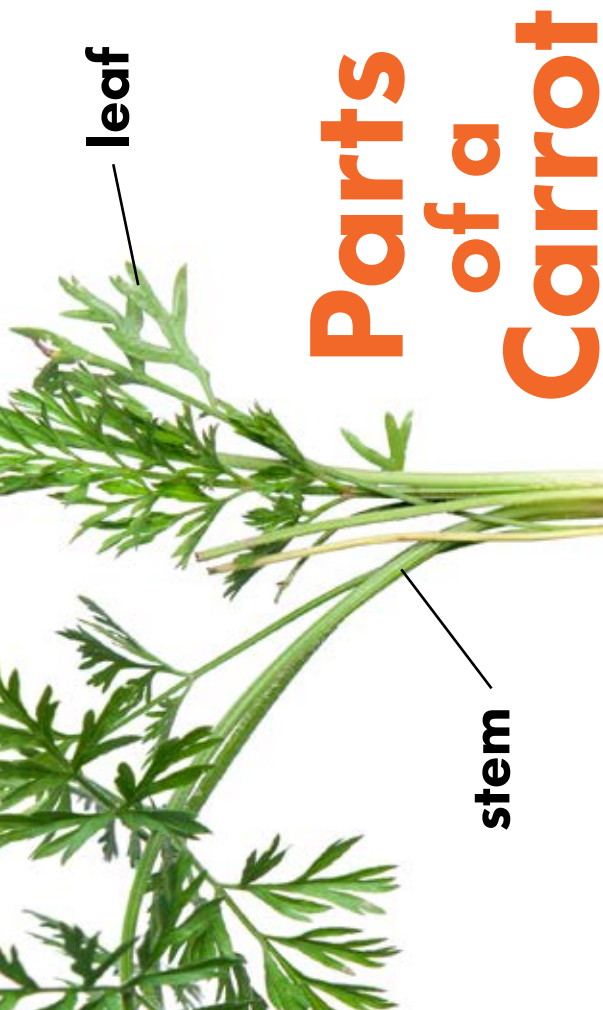


Sunflower



Sesame





# Parts of a Carrot





A rustic wooden sign with a rope handle and decorative knots. The sign is made of a single piece of wood with a natural grain and some wear. A thick, light-colored rope is attached to the top edge with a metal ring and knot. Two small, decorative knots are also visible on the wood, one near each end of the rope.

FARM to TABLE

*café*





## **MENU**



☐ Milk



☐ Juice



☐ Egg



☐ Potato



☐ Bacon



## **MENU**



☐ Milk



☐ Juice



☐ Egg



☐ Potato



☐ Bacon



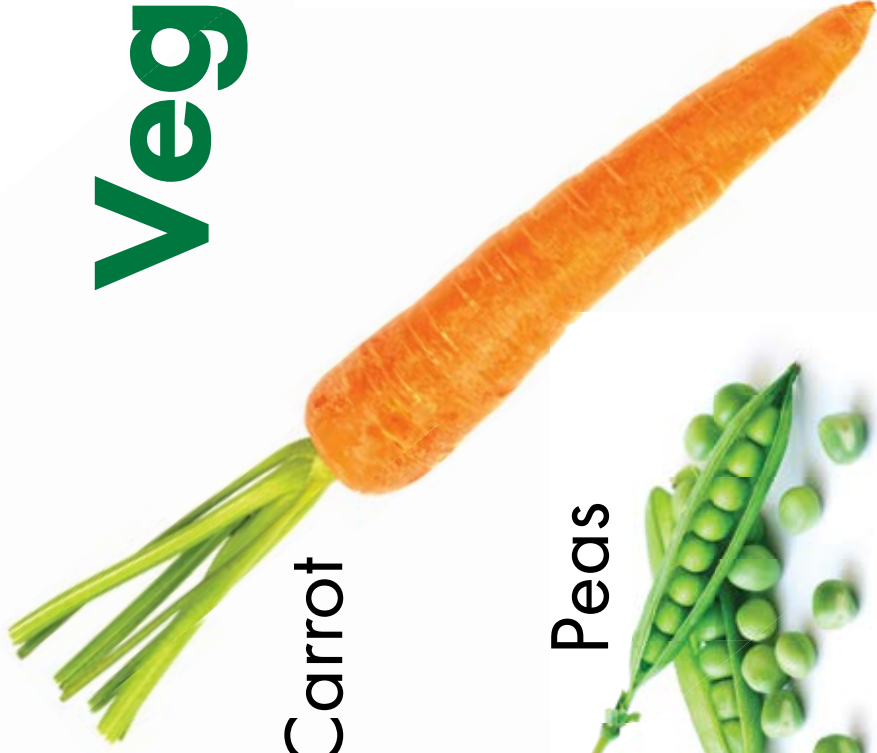
# NATURE MARKET







# Vegetables

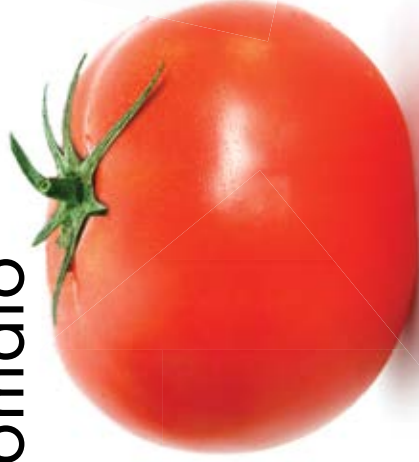


Carrot

Peas



Tomato



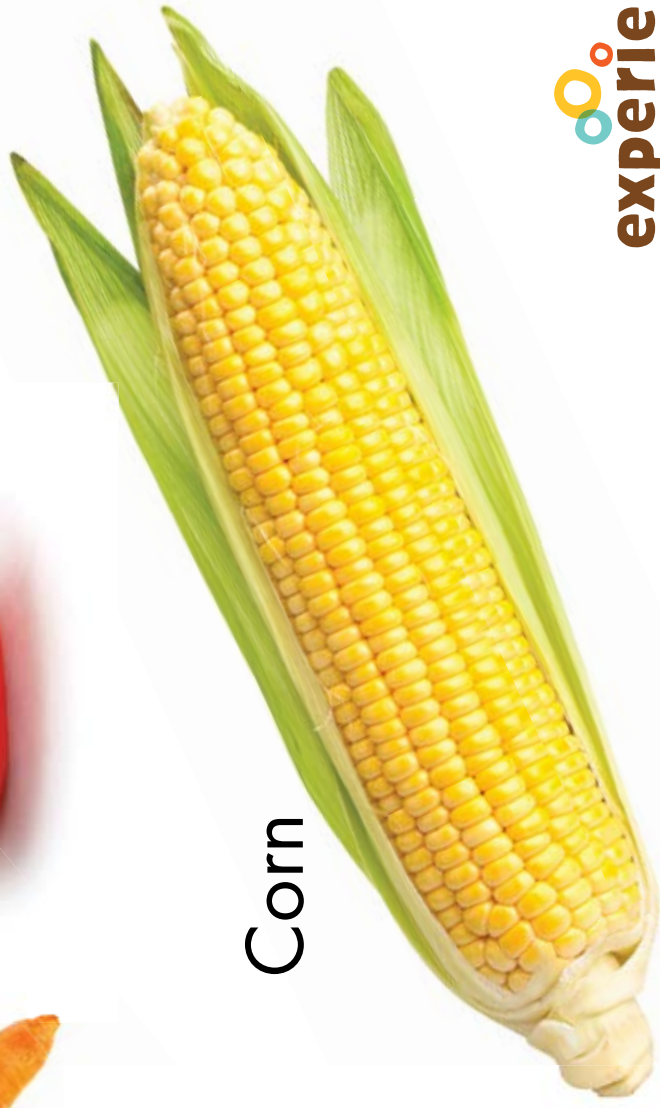
Green Pepper



Onion



Corn







Boxes



Straw



Paper Shreds



Paper Plates



Toy Eggs



Pompoms





Crayons



Wiggle Eyes



Scissors



Paper



Glue



Sticks





Blocks



Pillowcases



Baskets



Stuffing Materials



Nature Items



Buckets





Bowls



Bins



Rubber Gloves



Water



Mud



Hair Gel





Dirt



Beans



Digging Tools



Cups



Corn



Scooping Tools





Tape



Cardboard Tubes



Things That Roll



Dowels



Ramps



Animal Figurines





Plush Toys



Box Lids



Sand



Straws



Eggs



Yarn





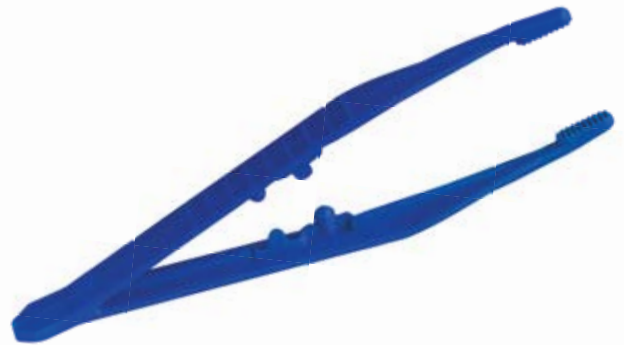
Grasses



Kitchen Utensils



Seeds



Tweezers



Magnifying Glasses



Containers





Mallets



Carrots



Playdough



Muffin Tins



Craft Sticks



Pots & Pans





Felt



Vegetables

