



Down on the Farm




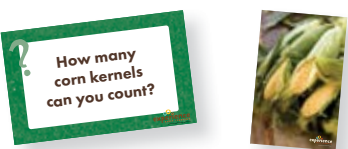
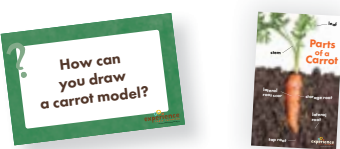
WEEK 1 FARM ANIMALS

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<p>LESSON 1</p> <h3>Chicken Coop</h3> <p>SCI 2a Natural & Earth Science CA 4a Drama</p>	<p>Boxes Straw/shreds Paper plates Toy eggs or pompoms Crayons Wiggle eyes (optional) Scissors Orange paper Glue</p>		<p>Set up a pretend chicken coop. Fold plates in half to look like chickens and decorate as desired. Explain that chickens can lay an egg per day. Encourage the children to explore gathering the eggs from the coop and counting them aloud.</p>
<p>LESSON 2</p> <h3>Pig Houses</h3> <p>SCI 2a Natural & Earth Science SED 4a Problem-Solving</p>	<p>Building materials: sticks, straw, blocks Book: The Three Little Pigs</p>		<p>Set out a variety of building materials in the block area. Encourage the children to build the different pig homes and retell the story.</p>
<p>LESSON 3</p> <h3>Stuffing Pillows</h3> <p>SCI 1b Investigation & Inquiry SCI 3b Physical Science</p>	<p>Pillowcases Baskets Stuffing materials</p>		<p>Invite the children to explore filling the pillowcases with a variety of stuffing materials, then test the softness.</p>
<p>LESSON 4</p> <h3>Nature Fences</h3> <p>SED 4a Problem-Solving LLD 2a Communication SCI 3a Physical Science</p>	<p>Nature items: rocks, sticks Bucket</p>		<p>Encourage the 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.</p>
<p>LESSON 5</p> <h3>Milk the Cow</h3> <p>SCI 1b Investigation & Inquiry SCI 3b Physical Science</p>	<p>Bowls or bins Rubber gloves Various liquids: water, mud, hair gel</p>		<p>Fill rubber gloves with different types of liquids. Poke holes in the fingers and encourage the children to explore squeezing the gloves.</p>






WEEK 2 IN THE BARN

<p>LESSON 6</p> <h3>Planting Rows</h3> <p>SCI 2a Natural & Earth Science CA 4a Drama</p>	<p>Bin of dirt Bowl of pompoms Digging tools: shovels, spoons</p>		<p>Set out a bin of dirt, a bowl of pompoms and digging tools. Encourage the children to pretend they are farmers who are planting their crops.</p>
<p>LESSON 7</p> <h3>Scooping and Pouring</h3> <p>SCI 1a Investigation & Inquiry M 4a Measurement SCI 4 Technology</p>	<p>Bin Bowls/cups Sand Scooping tools</p>		<p>Fill a bin with sand and provide a variety of scooping and pouring tools. Invite the children to scoop and pour the sand into other containers like they are a farmer feeding the animals.</p>
<p>LESSON 8</p> <h3>Things with Wheels</h3> <p>SCI 3a Physical Science SCI 4 Technology</p>	<p>Items with wheels: toy vehicles, push or pull toys, etc. Ramp</p>		<p>Set out objects that have wheels or can roll. Encourage the children to explore rolling the items. Set up a ramp for the children to experiment with.</p>
<p>LESSON 9</p> <h3>Straw Beds</h3> <p>CA 4a & CA 4b Drama SCI 2a Natural & Earth Science</p>	<p>Straw/shreds Boxes Animal figurines or plush toys</p>		<p>Set out real straw or shredded paper and provide a variety of boxes in the dramatic play area. Encourage the children to create straw beds for the farm animals.</p>
<p>LESSON 10</p> <h3>Construction in the Dirt</h3> <p>SCI 1a Investigation & Inquiry SED 4a Problem-Solving PD 2 Fine Motor</p>	<p>Trays or box lids Dirt or sand Building materials: straws, sticks, cardboard tubes</p>		<p>Place trays or lids filled with dirt or sand in the block area. Provide building materials for the children to explore construction.</p>

WEEK 3 FARM FOOD

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 11 Parts of an Egg <small>SCI 1b Investigation & Inquiry SCI 2a Natural & Earth Science</small>	Toy eggs Pompoms		Set out a picture of a real egg, a variety of toy eggs and yellow pompoms. Investigate both real and pretend eggs.
LESSON 12 Cutting Wheat <small>PD 2 Fine Motor SS 1a Culture & Community</small>	Materials to cut: straws, yarn, grasses, paper strips Scissors Bowls Kitchen utensils		Set out a variety of materials to cut and invite the children to use child-friendly scissors to practice “cutting wheat.” Pretend to use the wheat to mix dough for bread.
LESSON 13 Sorting Seeds <small>SCI 2a Natural & Earth Science M 6 Classification</small>	Variety of seeds Tweezers Magnifying glasses Small containers		Set out seeds with tweezers and a magnifying glass. Provide small containers and invite the children to sort the seeds.
LESSON 14 Corn on the Cob <small>SCI 1a & SCI 1b Investigation & Inquiry LLD 2a Communication</small>	Packing peanuts or yellow pompoms Blocks		Set out packing peanuts or yellow pompoms for the children to explore. Encourage them to use the blocks to explore smashing the “corn.”
LESSON 15 Carrot Model <small>SCI 1b Investigation & Inquiry SCI 2a Natural & Earth Science LLD 7b Writing</small>	Toy carrots		Set out several toy carrots. Label the parts of a carrot. Invite the children to observe and draw their own carrot model.

WEEK 4 FARMING

LESSON 16 Seed Dough <small>M 6 Classification PD 2 Fine Motor</small>	Playdough Variety of seeds Tweezers Muffin tin Craft sticks		Set out a large ball of playdough and invite the children to help you press a variety of seeds into it. Encourage them to explore various tools and ways to remove the seeds. Sort them into cups or bowls.
LESSON 17 Farm Breakfast <small>CA 4a Drama SCI 2a Natural & Earth Science</small>	Pots, pans Toy food		Set out toy food that might be served at breakfast. Use pots/pans and pretend to cook breakfast.
LESSON 18 Nature Market <small>CA 4a & CA 4b Drama SCI 2a Natural & Earth Science SS 2b Civics & Economics</small>	Nature items		Use found objects and nature items as pretend money. Encourage the children to use these in exchange for pretend store items.
LESSON 19 Garden Designs <small>LLD 2a Communication SED 1b Self-Awareness</small>	Bowl of seeds Blocks		Invite the children to arrange the blocks in rows or any desired designs. Place seeds on or around the block designs to create interesting gardens.
LESSON 20 Harvest Discovery <small>SCI 3b Physical Science</small>	Vegetables, sliced & whole Kitchen utensils: tongs, spoons, etc.		Set out a variety of fresh vegetables, both sliced and whole. Leave out tongs, spoons and other tools to investigate the vegetables.

Set-Up Directions

These open-ended STEAM stations invite the 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, the 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.

[ExperienceCurriculum.com](https://www.ExperienceCurriculum.com)





**How many eggs
can you find?**



**How can you
build a strong
house for
three pigs?**



**How can you
make a pillow that
feels just right?**



**How high can
you jump?**



**What tools do
you think
farmers use
to help milk cows?**



**How can we tell
where we planted
the seeds?**



**Which scoop
holds more?
Which holds less?**



**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?**




**How can
you draw
a carrot model?**



**What do you
notice about
the seeds?**



**How will
you cook
your breakfast?**



**What sounds
or smells might
you notice at
the nature market?**



**How will you
take care of
your garden?**



**How are
vegetables similar
and different?**



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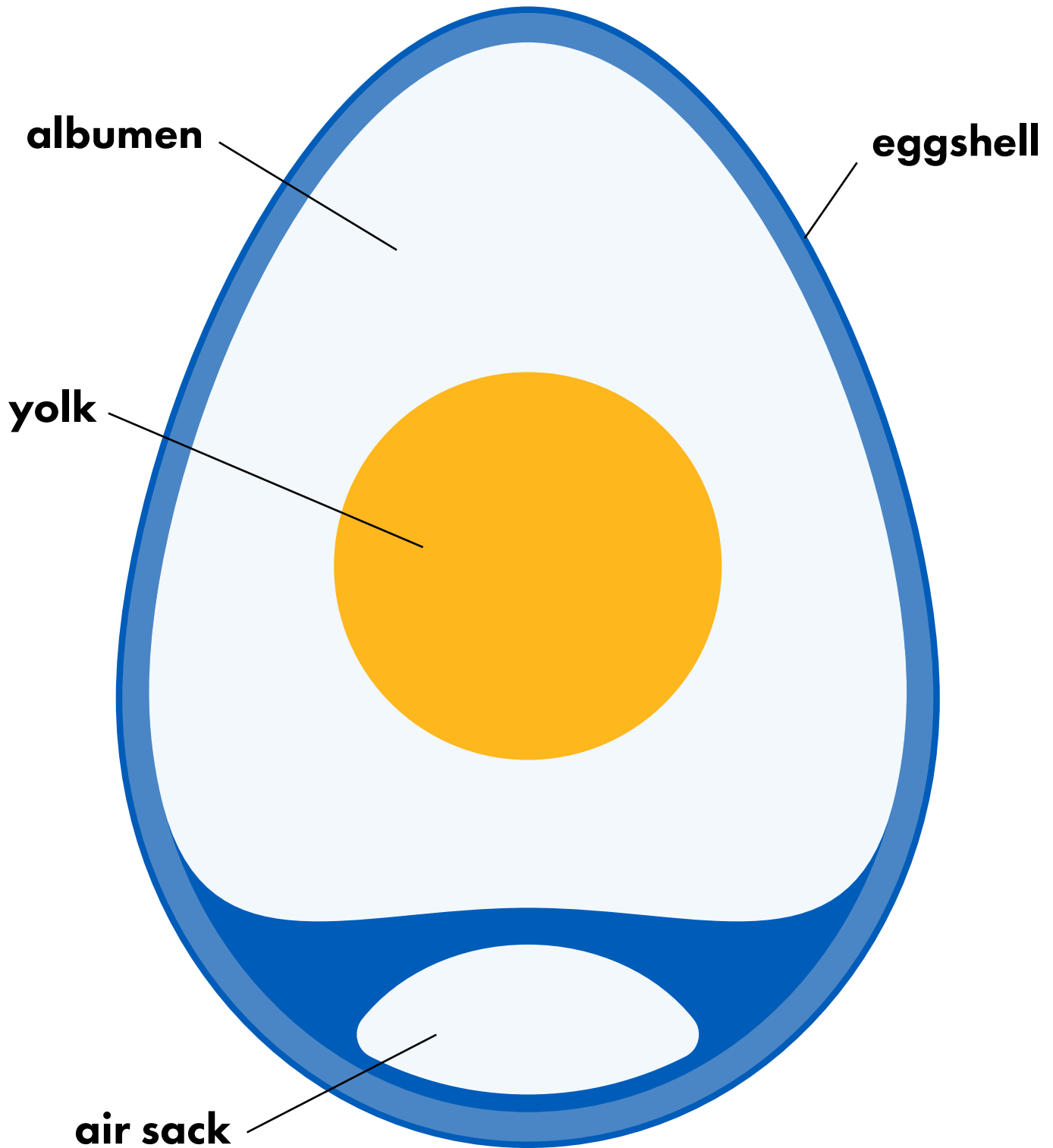



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Parts of an Egg






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Common Seeds



Mustard



Flax



Corn



Pumpkin

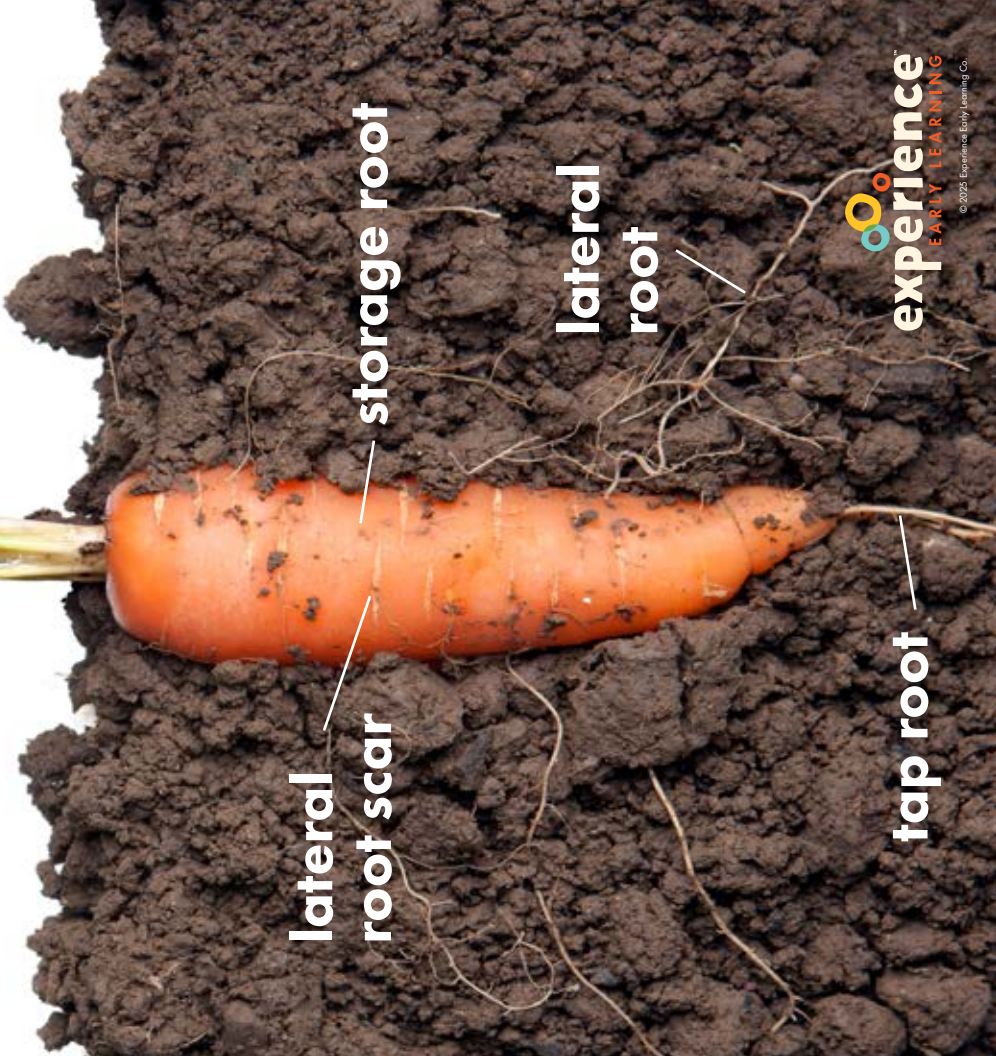


Sunflower



Sesame

Parts of a Carrot



FARM *to* **TABLE**

café



MENU



Milk



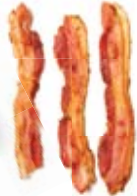
Juice



Egg



Potato



Bacon



MENU



Milk



Juice



Egg



Potato



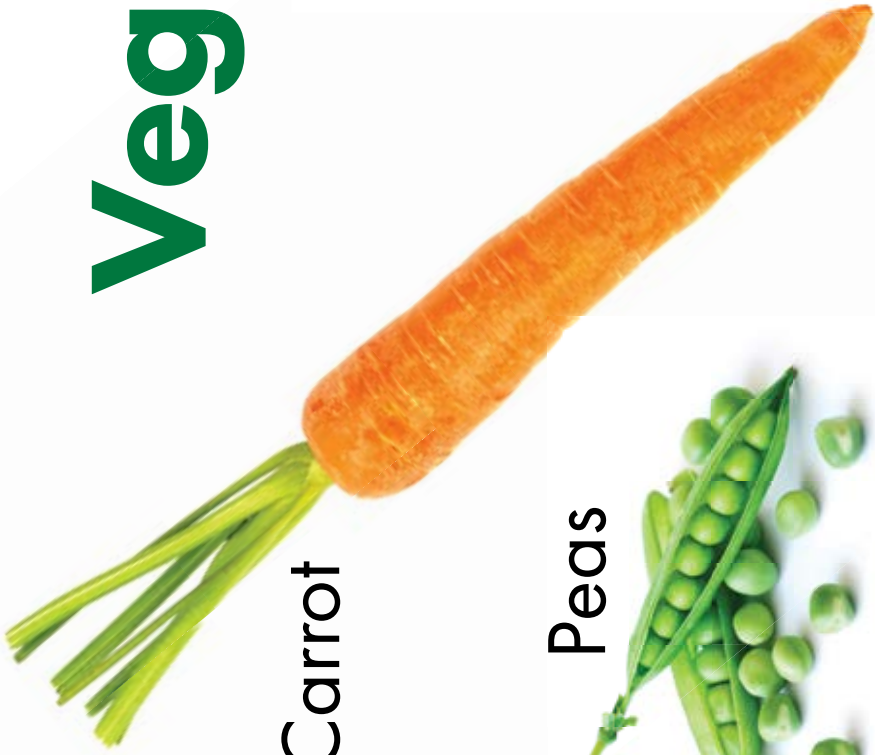
Bacon



NATURE MARKET



Vegetables



Carrot



Tomato



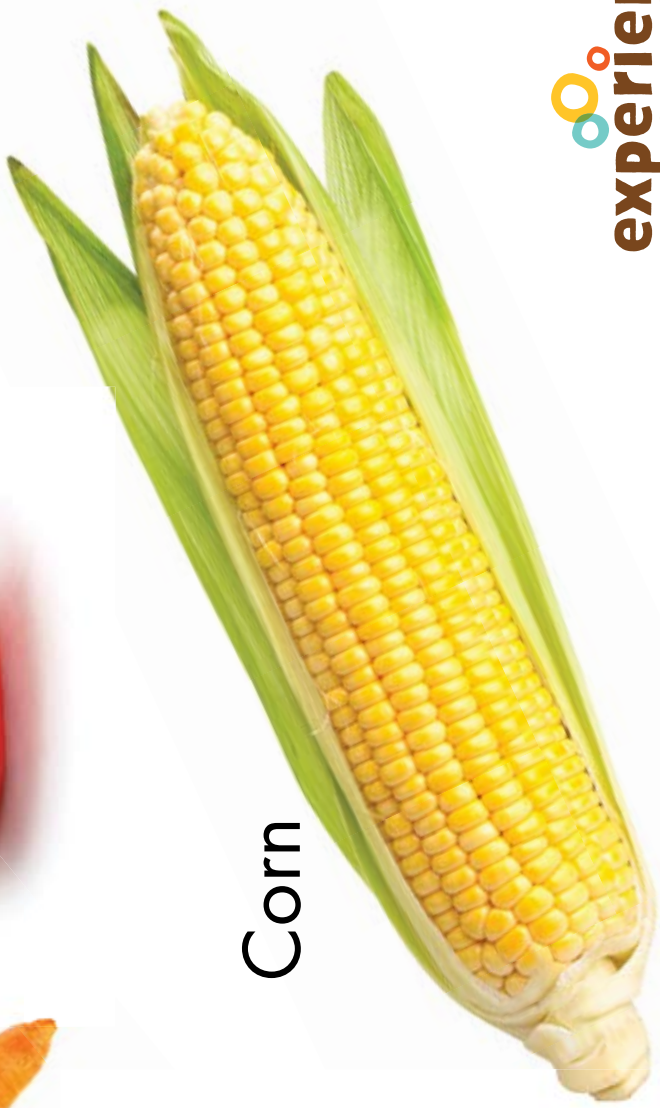
Peas



Green Pepper



Onion



Corn