

## Seeds Part 2: Make Your Own Seed Catalog

<b>Grade Level</b>	2nd												
<b>Setting</b>	Indoor												
<b>Subject Area</b>	Science, Language Arts, Art, Gardening, Economics												
<b>Description</b>	This lesson builds off of “Make Your Own Seed Packet”. Students continue to build on their knowledge of what a seed packet is and choose multiple plants to draw, imagine a variety name, and fill out information from the chart to make a seed catalog. They can also practice making a logo and discuss why businesses would use logos.												
<b>Objective</b>	Students will understand that plants come from seeds and that every plant grows differently. Students will understand why we have seed catalogs and what kind of information is found there. Students will be able to use their creativity to create their own seed packet including a fictitious plant varieties, a business name, and a logo.												
<b>Overarching Question</b>	How do plants grow?												
<b>Key Question</b>	How do businesses communicate to customers how to plant their seeds?												
<b>Key Words</b>	Seed, root, stem, leaves, sprout, variety, business, logo												
<b>Estimated Prep Time</b>	10 min.												
<b>Teaching Time</b>	45 min.												
<b>Materials</b>	<ul style="list-style-type: none"><li>● Various seed packets as examples</li><li>● Seed catalog for inspiration for fun variety names (Seed Savers Exchange makes a beautiful catalog that they will ship to you for free: <a href="http://www.seedsavers.org/Catalog.html">http://www.seedsavers.org/Catalog.html</a>)</li><li>● Seeds of the following plants for students to observe and draw:<table border="1"><tbody><tr><td>Bean</td><td>Corn</td><td>Radish</td><td>Spinach</td></tr><tr><td>Squash</td><td>Peas</td><td>Tomatoes</td><td>Cucumber</td></tr><tr><td>Kale</td><td>Carrots</td><td></td><td></td></tr></tbody></table></li><li>● Printouts of the double-sided chart for students to share with a partner</li><li>● Printouts of seed catalog for each student</li></ul>	Bean	Corn	Radish	Spinach	Squash	Peas	Tomatoes	Cucumber	Kale	Carrots		
Bean	Corn	Radish	Spinach										
Squash	Peas	Tomatoes	Cucumber										
Kale	Carrots												
<b>Preparation</b>	Arrange seeds in small containers so they can easily be placed on students’ desks. Make an example seed catalog by coloring a few pages, cutting them out, and stapling together to form a booklet.												
<b>Teacher Background</b>	(See Seeds Part 1: Make Your Own Seed Packet)												

**Class Discussion**

Ask students if they can remember what a variety is. If a business wants to tell someone about what kind of varieties of seeds they are selling, how could they do that? All of this information can be found in a seed catalog.

**Procedure**

1. Flip through some seed catalogs for inspiration
2. Show students your example seed catalog and walk them through the steps:
  - a. Create your business name and logo to decorate the front page
  - b. Choose a vegetable for the second page and find the necessary information on the chart:
    - i. Plant
    - ii. Variety
    - iii. When to plant
    - iv. How many days (until it is ready to harvest)
3. Have students create their own pages
4. Cut out each page
5. Arrange the pages for binding by placing the business logo on top, and aligning all other pages by the hole punch circles.
6. Staple or attach the pages to make a booklet











**Suggested Harvest of the Month Food Pairing**



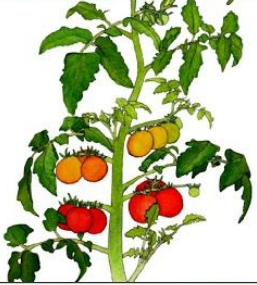







flexible: for whatever food it is, bring in different varieties of the food to help students understand the term “variety”. Plants featured in the lesson:

- Squash (November)
- Carrots (December)
- Dry Beans (March)
- Radishes (May)

**Source**

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Type of Plant	Picture of Plant	Picture of Seed	When do you plant it?	How many days until it is ready to eat?
Bean			June	55
Corn			June	75
Radish			April	30
Spinach			May	50
Squash			June	100

Type of Plant	Picture of Plant	Picture of Seed	When do you plant it?	How many days until it is ready to eat?
Peas			April	70
Tomato			June	80
Cucumber			June	70
Carrots			May	70
Kale			April	60

# Seed Catalog

Business Name:

Plant:	
Variety:	
When to Plant:	
How many days:	

Plant:

Variety:

When to Plant:

How many days:

Plant:	
Variety:	
When to Plant:	
How many days:	

Plant:	
Variety:	
When to Plant:	
How many days:	

Plant:	
Variety:	
When to Plant:	
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Plant:	
Variety:	
When to Plant:	
How many days:	

Plant:	
Variety:	
When to Plant:	
How many days:	