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www.usda.gov/news/usdakids

NASS KIDS
www.usda.gov/nass/nasskids

Virginia Agriculture Counts!

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This activity book meets the following Standards of Learning:

Science
3.1, 3.10, 3.11, 4.1, 4.8, 5.1

History and Social Science

English
3.4, 3.6, 3.7, 4.3, 4.4, 4.5, 4.6, 5.4, 5.6, 5.7

Math
3.8, 3.9, 3.21, 3.25, 4.6, 4.7, 4.8, 4.9, 4.20, 4.22, 5.3, 5.18, 5.22

Matching
1. C
crops
2. B
barn
3. K
pig
4. A
fence
5. D
soybean
6. J
horse
7. C
farmer
8. E
tractor
9. B
corn
10. E
wheat
11. I
tomatoes
12. H
tobacco
e
e
13. G
er
g
14. A
mushrooms
15. K
central
16. F
central
17. B
central
18. H
central
19. A
central
20. H
central

Farm Scramble

crops
barn
pig
fence
soybean
horse
farmer
tractor
corn
wheat

turkeys
er
va
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tobacco
er
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nfield
cao
u mushrooms
central
tel
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bull
k
tsr
ethanol

Maze

Word Find

Math Square
Virginia Agriculture is always being counted, measured, priced, analyzed, and reported to give people the facts they need. Completing the activities in this book will help you understand just how much Agriculture Counts!

Virginia Livestock Up/Down Head in 2015

Virginia has 17 pigs, 4 horses, 9 cows, and 13 chickens. The total livestock for Virginia in 2015 was 43 head. Hogs showed the most increase with 12 more head than 2014. Horses showed the most decrease with 14 less head than 2005.

Hogs showed the most increase with 12 more head than 2005. Virginia Livestock Up/Down 2 Head in 2006

Virginia has 17 pigs, 4 horses, 9 cows, and 13 chickens. The total livestock for Virginia in 2006 was 43 head.

Total crop acreage in 2015 was 40 acres. Corn for grain, 12 acres of wheat, and 12 bales of hay in 2015. Total crop acreage in 2015 was 40 acres. Corn for grain showed the most increase with 6 more acres than 2014. Wheat showed the most decrease with 5 less acres than 2014.

Top Cash Commodities

1. Broilers $570
2. Cattle and Calves $401
3. Milk $293
4. Turkeys $261
5. Fresh Market Tomatoes $99
6. Soybeans $87
7. Corn for Grain $86
8. Tobacco $72
9. Hogs $70
10. Eggs $67
11. Hay $44
12. Cotton $43

True or False

F, F, T

Tomato producers

1. Florida
2. California
3. Virginia

Harvested Corn Acres

345,000

Top Cash Commodities

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Million Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Broilers</td>
<td>$570</td>
</tr>
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<tr>
<td>10. Eggs</td>
<td>$67</td>
</tr>
<tr>
<td>11. Hay</td>
<td>$44</td>
</tr>
<tr>
<td>12. Cotton</td>
<td>$43</td>
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</table>

Top Four Cash Commodities

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Million Dollars</th>
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<tbody>
<tr>
<td>Broilers</td>
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<tr>
<td>Cattle</td>
<td>$401</td>
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<td>$293</td>
</tr>
<tr>
<td>Turkeys</td>
<td>$261</td>
</tr>
</tbody>
</table>
It All Started with a Letter

In 1791 President George Washington received a letter from an Englishman named Arthur Young. Mr. Young had written to several farmers requesting information on land values, crops, yields, livestock prices, and taxes with no luck. By personally conducting a mail survey and compiling the results, President Washington was able to gather enough information to answer all of Mr. Young’s questions about American Agriculture. George Washington, in effect, had just conducted the Nation’s first agricultural survey.

Fun Ag Facts!

You would have to eat 11 medium eggs or 17 slices of white bread or 2 1/2 cups of greens, or 4 1/2 ounces of sardines to get the amount of calcium found in just two 8-ounce glasses of milk.

Virginia peanuts are among the finest in the world. Some people call them the Cadillac of peanuts.

It takes a broiler egg 21 days to hatch

A milk cow gives an average of 42 pounds of milk a day.
Today, the National Agricultural Statistics Service (NASS) has the responsibility of collecting data for agricultural surveys. NASS has offices in 46 states throughout the United States. NASS also has an international program office that helps other countries with their planning and reporting of agricultural statistics.

Below is a list of countries NASS has worked with. Draw a line to match the name of the continent or region with the correct map.

- Africa
  - Armenia, Bangladesh, China, India, Indonesia, Kazakhstan, Nepal, Pakistan, Philippines, Saudi Arabia, Taiwan, Thailand, Turkey, Vietnam, Yemen

- Central America
  - Cameroon, Egypt, Ethiopia, Kenya, Liberia, Morocco, Rwanda, Sierra Leone, South Africa, Sudan, Tunisia, Uganda, Zaïre, Zimbabwe

- South America
  - Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua

- Asia
  - Argentina, Bolivia, Brazil, Colombia, Ecuador, Paraguay, Peru, Venezuela

- Caribbean
  - Albania, Bulgaria, Hungary, Poland, Romania, Russia, Ukraine

- Europe
  - Dominican Republic, Haiti, Jamaica,
The USDA/NAQS/VA Field Office collects data for Virginia Agriculture. Below is a list of Virginia’s top cash commodities. List them in order from highest to lowest.

**Top Cash Commodities**

1. ____________
2. ____________
3. ____________
4. ____________
5. ____________
6. ____________
7. ____________
8. ____________
9. ____________
10. ____________
11. ____________
12. ____________

**Commodities**

- Hogs: $70
- Cotton: $43
- Corn for Grain: $86
- Fresh Market Tomatoes: $99
- Broilers: $506
- Cattle and Calves: $426
- Milk: $266
- Turkeys: $261
- Soybeans: $87
- Tobacco: $72
- Hay: $44
- Eggs: $67

**Math Square**

Directions:
Try to fill in the missing numbers.
Use the numbers 1 through 9 to complete the equations.
Each number is only used once.
Each row is a math equation. Each column is a math equation.
Remember that multiplication and division are performed before addition and subtraction.

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<p>| | | |</p>
<table>
<thead>
<tr>
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<tr>
<td>x</td>
<td>-</td>
<td></td>
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<td>-</td>
<td>+</td>
<td>4</td>
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</table>
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<table>
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<tr>
<th>+</th>
<th>x</th>
<th>79</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>5</td>
<td>14</td>
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</tbody>
</table>
```
The First shipments of Virginia-grown tobacco reached England in 1614. This began tobacco as a chief export of the American colonies. The ports in Hampton Road are the largest tobacco exporters in the United States. Tobacco is from the Solanaceous (səˈlænəˌsiːəs) family and is related to garden vegetables such as potatoes, tomatoes, and eggplant. Because of its excellent quality, Flue-cured tobacco is produced in many nations around the world including Australia, Canada, Africa, South America, and parts of Asia. Today, tobacco is still Virginia’s largest cash crop and number 1 export.

True or False:

Flue-cured tobacco is only produced in America.  
Tobacco is a member of the Solanaceae family, which also includes tomatoes, potatoes and peppers.  
The ports of Hampton Roads are the largest in the United States for exporting tobacco and tobacco products.
Add the numbers below to find out how many harvested acres of corn for grain was harvested in Virginia.

- 100,000
- 100,000
- 100,000
- 60,000

---

**Kidz Puzzle**

Across
1. Virginia's number four cash commodity
2. where crops grow
3. grows on logs or moist places
4. Virginia's number one export
5. American, a region NASS has worked with
6. type of fuel corn makes
    6. Washington conducted the first agriculture survey
8. Mary had a little
9. total number of pigs from page 10
10. a drink with lots of calcium
11. a baby horse
12. short for the National Agricultural Statistics Service

Down
1. ethanol
2. turkeys
3. field
4. mushrooms
5. tobacco
6. central
7. milk
8. agriculture
9. nass
10. george
e. colt
11. seventeen
12. tractor
13. lamb

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harvested acres
Below are the top three States in the nation for production of tomatoes. Can you identify these States?

1. 22 million crates
2. 19 million crates
3. 4 million crates

Help the chick find its mother.
Broilers are Virginia’s #1 cash commodity. Cattle and calves are Virginia’s #2 cash commodity.

Broilers are Virginia’s #1 cash commodity. Cattle and calves are Virginia’s #2 cash commodity.

Farm Scramble

Unscramble the words below to reveal a farm word.

rpsco ---------- What’s grown in the fields? ____________
anrb ---------- What do animals sleep in? ____________
ipg ---------- Oink Oink ____________
ecfn ---------- What is used to keep animals in the pasture? ____________
nyobsea ------- Type of round bean. ____________
osreh ------- Farm animal that’s fun to ride ____________
amrfer ------- Who takes care of the animals? ____________
actortr ------- What plows the field? ____________
ronc ------- Crop that’s good with salt and butter ____________
taewh ------- Crop used to make bread ____________
Below are Virginia’s top 4 cash commodities. Make a bar chart using the following data about each.

<table>
<thead>
<tr>
<th>Cash Commodity</th>
<th>2004 Value (Million Dollars)</th>
<th>2006 Value (Million Dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkeys</td>
<td>$183</td>
<td>$261</td>
</tr>
<tr>
<td>Cattle</td>
<td>$318</td>
<td>$426</td>
</tr>
<tr>
<td>Milk</td>
<td>$308</td>
<td>$266</td>
</tr>
<tr>
<td>Broilers</td>
<td>$590</td>
<td>$506</td>
</tr>
</tbody>
</table>

Column 1
1. bacon
2. milk
3. spaghetti sauce
4. egg
5. corn meal
6. peanut butter
7. pork chops
8. flour
9. beef
10. cider
11. wool sweaters
12. french fries
13. jelly
14. McNuggets
15. ketchup
16. noodles
17. hamburger
18. tater tots
19. drumstick
20. potato chips

Column 2
a. chicken
b. cow
c. pig
d. corn
e. apples
f. wheat
g. grapes
h. potatoes
i. sheep
j. peanuts
k. tomatoes
Let’s Conduct A Survey! Fill out the survey form below for each farm. When you complete the survey, use the data to fill in the press release.

**KEY:**
- Pig
- Horse
- Cow
- Chicken
- Apple Tree
- Corn for Grain
- Wheat
- Hay Bale

### 2015 Survey Form

<table>
<thead>
<tr>
<th></th>
<th>Farmer Adams</th>
<th>Farmer Bell</th>
<th>Former Callahan</th>
<th>Former Douglas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pigs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cows</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chickens</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Livestock</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Total Livestock

<table>
<thead>
<tr>
<th></th>
<th>Farmer Adams</th>
<th>Farmer Bell</th>
<th>Former Callahan</th>
<th>Former Douglas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acorns</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hay Bales</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Crops</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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**CROPS AND LIVESTOCK PRESS RELEASE**

**DATE: ___________________**  **RELEASE NUMBER: ___________________

Virginia Livestock Up/Down _____Head in 2015

Virginia has _____ pigs, _____ horses, _____ cows, and _____ chickens. The total livestock for Virginia in 2015 was _____ showed the most increase with more head than 2014. _____ showed the most decrease with _____ less head than 2014.

Virginia Crops Up/Down _____ Acres in 2015

Virginia had _____ acres of apple trees, _____ acres of corn for grain, _____ acres of wheat, and _____ bales of hay in 2015. Total crop acreage in 2015 was _____ acres. _____ showed the most increase with _____ more acres than 2014. _____ showed the most decrease with _____ less acres than 2014.

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**GOOD WORK!**