Dear Boys and Girls,

West Virginia Farmers and their families produce some of the food we eat every day. They grow hundreds of different products each year, including many of the good fruits and vegetables we enjoy. Some of these farmers have dairy cows, which provide milk for us, some have sheep which provide wool, some raise chickens which provide our eggs, and many more care for other kinds of farm animals we enjoy.

By working on the West Virginia Farm Fun activity book you will learn more about agriculture and how important it is to the farmers who work to produce our food. Enjoy playing the games, solving the puzzles, and coloring the pictures in this booklet. For more games and puzzles, or to learn more about agriculture in West Virginia, visit the following websites (with your parent’s permission, of course):

https://www.usda.gov/our-agency/initiatives/usda-kids
https://www.agclassroom.org/teacher

If you have a question, please feel free to send it to us via email at:

nass-wv@nass.usda.gov

Sincerely,

Charmaine Wilson
State Statistician
Did You Know?
West Virginia has over 20,000 farms which produce a wide variety of crops and livestock, and 97% are considered small farms.
Work the math problems to find out what color corresponds with the picture. Fill the space with the correct color.

5 - 4 = _____ Red
3 + 3 = _____ Brown
9 - 5 = _____ Green
8 - 6 = _____ Black
10 - 7 = _____ Orange
2 + 3 = _____ Yellow
What’s the Buzz About?

1) All the worker bees are females? True or False

2) What are the male honey bees called?

3) How long does the queen bee live?

4) When the worker bees return to the hive they do this to let the others know where the best food source is?

1) True 2) Drones 3) 5 years 4) Waggle Dance
Is it a farm?

The USDA defines a farm as *any* operation that produces and sells, or could sell, at least $1000 worth of agricultural production in one year. Farms vary by size, location, and specialty. The pictures below represent just some of the varying types of farms that produce the food you eat every day.

In the space provided, list as many commodities you can think of that could be produced on the pictured farms.

________________________
________________________
________________________
________________________
________________________
________________________
________________________
________________________
A Farmer, Outstanding in the Field.
### Math Squares

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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<td>-31</td>
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Color the Maple leaves that equal 10

Fun Farm Fact...
West Virginia produced 9,000 gallons of maple syrup in 2017
West Virginia ranks 9th in the nation for apple production
(measured in pounds)
Crossword

Across:
3. goat raised for fiber
6. mother of a calf
7. agricultural occupation
8. agricultural statistics service
12. building built to grow crops inside
13. farm that produces milk

Down:
1. baby sheep
2. a young turkey
4. a type of hay
5. food for plants
6. count of agriculture inventory
9. area of land measurement
10. made by bees
11. chicken raised for meat
Word Search

K H Z F Q G T S G B W H E X O
C C Q A I N R N A O E G H I D A U L B R O I L E R R G B N
G E T B E O M U M T K D V Y N
T P A T S K H E T R H C E U A
E R U T L U C I R G A K I N P
L V E W K E U H A O R F I H B
G R O I P R F Z C U D B O Y C
I L D E F W G S T E E R N A D
P O U L T A O G O R S S H H L
P M A P E E H S R E O L B H S
M M Q P V K O Y G R D Y U K C
B V B A Y S U A T L E D R Z Y
F S J O G E T L Q A E I T R P
D L S H V E D J X E R Q U T M

AGRICULTURE  FARMING  LAMB  STEER
APPLE  FOAL  PEACH  TRACTOR
BERRY  FRUIT TREE  PIG  TURKEY
BROILER  GARDEN  PIGLET  WORK HARD
BUCK  GOAT  PLOW
CATTLE  HAY  POULT
CHICKEN  HERD  RABBIT
DOE  HOG  ROOSTER
EGG  HORSE  SHEEP
FARMER  KID  SOW
Connect the Dots

Connect the dots to see what animal is hiding in the field, and then color the picture that you just completed.
Time for some really tough West Virginia trivia! The official state colors of blue and gold were adopted in West Virginia’s centennial year, on March 8, 1963. Color the counties in blue or gold according to the trivia questions on the following page.
This county's 4th of July Celebration has hosted such celebrities as President George W. Bush.
The county's seat is home to the first municipally owned and operated parking building in the US.
Elizabeth, the county seat, was named for Elizabeth Beauchamp, the wife of an early settler.
Since 1988 this county's seat has enjoyed electricity provided by a local hydroelectric facility.
Home to the West Virginia Folk Festival.
The strawberry festival is held in this county.
A town in this county was named after Eleanor Roosevelt, and was the site of the first vocational technical center in West Virginia.
The world's greatest gas well, "Big Moses" was drilled here in 1894 and produces 100,000,000 cubic feet of gas per day.
This county is best known as the birthplace of General Thomas J. "Stonewall" Jackson.
This county was named for General Francis Marion, "the Swamp Fox" of the Revolutionary War.
The county seat, Huntington, is home to Marshall University. Go Herd!
The legend of John Henry takes place in this county.
The first steamboat was launched in this county.
Home to the West Virginia Bass Festival.
This county's seat was once known as "The Marryin' Town".
The smallest county in West Virginia.
Home to "Nature's Air Conditioned City" and the southern end of the West Virginia Turnpike.
Scramble

Unscramble each of the clue words.
Copy the letters in the numbered cells to corresponding cells with the same number.
West Virginia Farm Trivia

1) What county in WV produces the most corn for grain?
2) What animal is a broiler?
3) The highest cash receipts in WV farming come from broilers. What is the second highest?
4) Does WV grow more apples or peaches?
5) What county produces the most hay AND cattle?

BONUS! The sheep and lamb inventory in West Virginia stood at 32,000 head in 2014, very near the all-time low inventory of 30,000 head set in 2010. This is a far cry from sheep and lamb production in the Mountain State during the 19th century. In 1885, the all-time record high for sheep and lamb inventory in West Virginia was recorded with _____ head?
A. 150,000, B. 200,000, C. 600,000, or D. 800,000
Farm Decryption

Decrypt the puzzle below by filling in the blank squares. Use the code to find the correct answer.

What kind of pigs know karate?

| B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 18| 17| 6 | 16| 3 | 12| 25| 19| 10| 11| 23| 7 | 4 | 5 | 15| 2 | 1 | 24| 9 | 22| 13|   |   |   |   |   |

P  R
---
7  21  5  8
20 26 21 7 14
Veterans & Warriors to Agriculture
Fallen Phrases

If commercial farming is growing to sell at a market, what is subsistence farming?

Oh no! The letters above have fallen straight down out of order! To find the answer, put the letters back in the correct order.
Spot the Differences

1) flower in girl's hat
2) Woman's hat band color
3) flower in pot
4) seeds
5) hole dug in ground
6) seed packets
7) girl's hair color
8) color of seeds in packets

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A survey is a count. The West Virginia Agricultural Statistics Service counts livestock (cows, pigs, sheep, goats, chickens) and crops (corn, soybeans, wheat, hay, fruit, vegetables) in order to answer big questions concerning what items are used by many people, including farmers! Taking a survey is an important job, and so is filling them out. We need counts of livestock and crops. Can you count the livestock and crops scattered throughout this book?

Cattle: _______  Goats: _______
Chickens: _______  Corn: _______
Horses: _______  Apples: _______
Pigs: _______  Hay bales: _______
Sheep: _______  Honey bees: _______
Finish the picture
Solutions 1

PG 4 Key
Red, 1; Brown, 6; Green, 4;
Black, 2; Orange, 3; Yellow, 5

PG 6 Examples (answers may vary)
A) Strawberries, lettuce, broccoli, spinach, cabbage
B) Wool, mutton, beef, milk, cheese, lamb, veal
C) Apples, peaches, plums, almonds, fig

PG 7

PG 8

PG 9

PG 10

PG 15

1 RANDOLPH 18 WOOD 38 BARBOUR
2 KANAWHA 19 RITCHIE 39 BERKELEY
3 HARDY, GRANT, 20 WEBSTER 40 MARSHALL
PENDELTON,
HAMPshire,
&M INERAL
23 TUCKER 43 DODDRIDGE
4 GREENBRIER 24 LINCOLN 44 MORGAN
5 FAYETTE 25 WYOMING 45 TAYLOR
6 WAYNE 26 JACKSON 46 OHIO
7 BOONE 27 MCDOWELL 47 JEFFERSON
8 RALEIGH 28 WIRT 48 PLEASANTS
9 ROANE 29 WETZEL 49 BROOKE
10 PRESTON 30 GILMER 50 HANCOCK
11 POCAHONTAS 31 UPSHUR 51 MERCER
12 CLAY 32 PUTNAM
13 LOGAN 33 TYLER
14 NICHOLAS 34 HARRISON
15 LEWIS 35 MARION
16 MINGO 36 CABELL
17 MASON 37 SUMMERS
The puzzles contained throughout this activity book vary across age, skill, and difficulty levels. If you have trouble working the puzzles, ask a friend, parent, or teacher to help you find the solution.

Enjoy!

Web Sources:
www.nass.usda.gov
www.wvencyclopedia.org
www.wvcommerce.org
www.discoveryeducation.com
www.kids.nationalgeographic.com
A Cooperative Function of
West Virginia Department of Agriculture
and
United States Department of Agriculture
National Agricultural Statistics Service

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