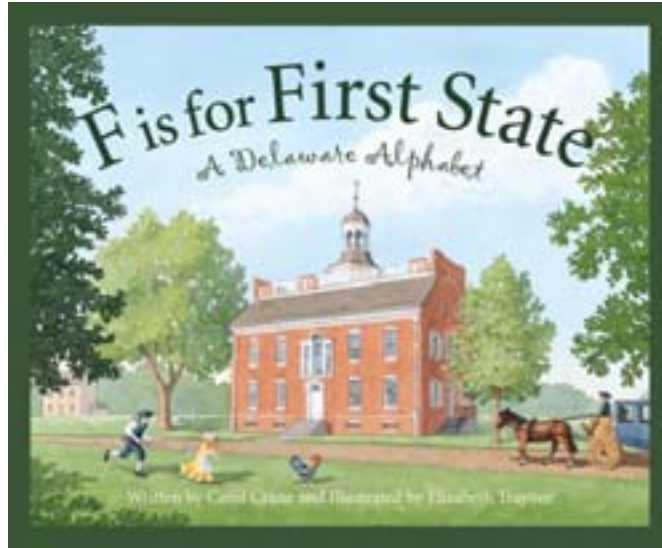


Teacher's Guide



F is for First State: A Delaware Alphabet

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Guide written by Cheryl K. Grinn

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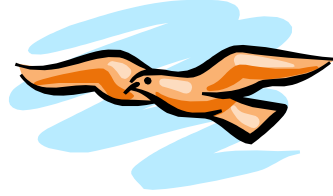
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Delaware State Parks from A to Z



Delaware is so proud of their state nature parks that they refer to them as the “jewels” of the diamond state. Information about these “jewels” and the other wonderful sights and sounds of Delaware can be found in *F is for First State*.



Put the following Delaware State Parks in alphabetical order.

- | | | | |
|-------------------|--------------|-----------------------|------------------|
| Fort Delaware | Bellevue | Fenwick Island | White Clay Creek |
| Holts Landing | Fort du Pont | Wilmington State Park | Trap Pond |
| Brandywine Creek | Fox Point | Cape Henlopen | |
| Delaware Seashore | Killens Pond | Lums Pond | |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

Have a Brainstorm!

Bombay Hook is a National Wildlife Refuge that was established in Delaware in 1937. Find many types of birds and animals that call it home in *F is for First State*.

1. Find a partner and brainstorm a list of ideas to help preserve this area.

2. Brainstorm all of the natural resources you might find at Bombay Hook.



Building Styles

The early settlers from Europe built buildings according to the style they had in their home country. As the settlers came from many different countries they built many different styles of buildings. Discover some of these styles in *F is for First State*.

Draw an example of each style of building.

Finnish Cabin

Delaware Indian House

Swedish Church

Dutch Style Building



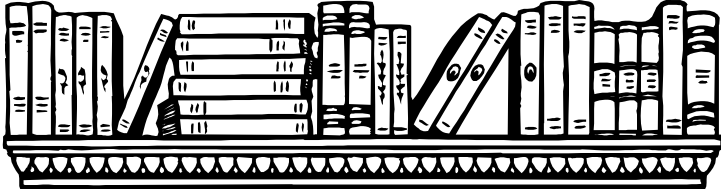
Delaware Crossword

Use the book *F is for First State* to help you solve this puzzle.
You'll find the answers scattered throughout the pages.

1. **D** _____
2. **E** _____
3. **L** _____
4. **A** _____
5. **W** _____
6. **A** _____
7. **R** _____
8. **E** _____

1. Delaware's capital
2. Found in the state bird's coop
3. State park: Holts _____
4. Name of the Black Swede
5. Charles G. Jones Sr. used holly to make these
6. Science of stars
7. Appears on the state quarter Caesar _____
8. Birds found in Bombay Hook

Delaware Encyclopedia Search



An encyclopedia is a set of books that gives information on many different subjects.

Each book is called a volume. Subjects are arranged in alphabetical order within the volume.

Use the encyclopedia volumes below. Write the number of the volume in which you would find the topic.

A-Co	Cr-E	F-I	J-K	L-Ma	Me-N	O-Pe	Pf-S	T-V	W-Z
1	2	3	4	5	6	7	8	9	10

1. Chesapeake and Delaware Canal _____
2. Winterthur estate _____
3. Constitution of the United States _____
4. yachts _____
5. victrola _____
6. Howard Pyle _____
7. Nanticoke _____
8. heron _____
9. Dover _____
10. Thomas Garrett _____

Where in the Galaxy is Delaware?

Enjoy reading and discovering new ideas about the diamond state in *F is for First State*.

Answer the following questions about Delaware.

1. Delaware is in which galaxy _____
2. Delaware is on which planet _____
3. Delaware is on which continent _____
4. Delaware is in which country _____
5. Delaware is in which region of the country _____
6. Where does Delaware rank in size among states _____
7. Where does it rank in its ratification of the Constitution _____
8. Name the city in which you live _____



Survey and Pie Graph

Delaware experiences all four seasons of the year. Children can enjoy activities from building a snowman to building sand castles. You'll find plenty of ways to enjoy the different seasons in *F is for First State*.

Survey your class and a class of younger children to find each child's favorite season.

Survey Data

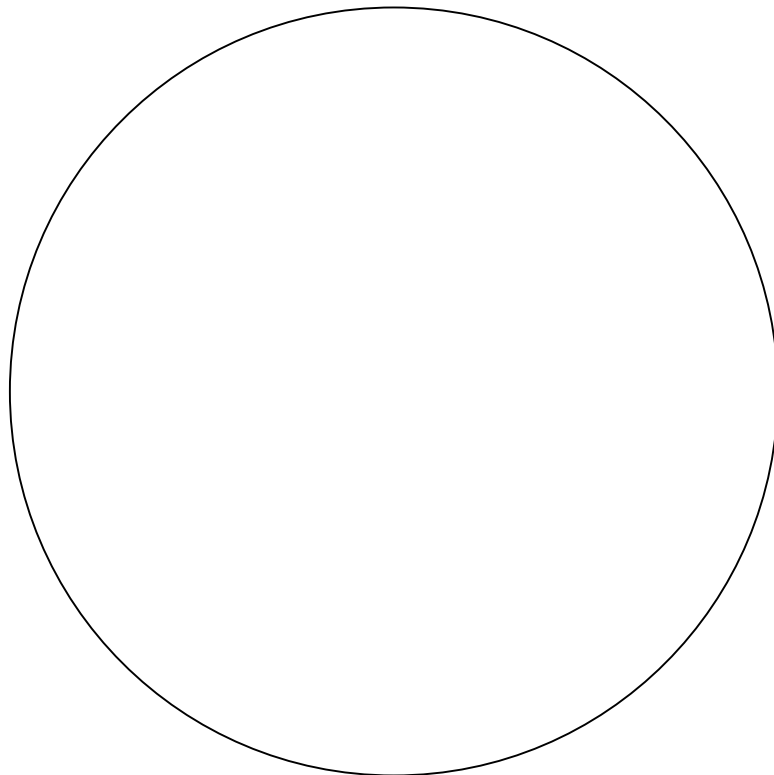
Winter

Spring

Summer

Fall

Use your data to make a pie graph showing your results.





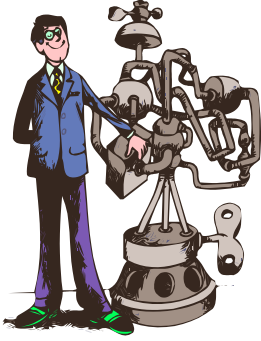
Follow in the Steps of Howard Pyle

Who was Howard Pyle? Read the P page of *F is for First State* to find the answer to that question.

Most authors don't illustrate their own work. Who illustrated *F is for First State*? _____

Write a scary story about a day on the ocean.

Exchange stories with a friend. On a separate piece of paper you will draw illustrations about each other's story. Don't let the author see what you have drawn until you are finished. Were the illustrations of your story different than you expected?



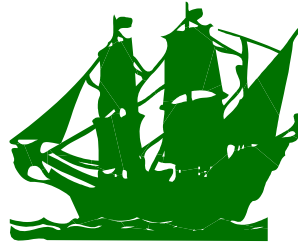
Become an Inventor

You can read about the wonderful inventions of Oliver Evans and E.R. Johnson in *F is for First State*. YOU now have the opportunity to invent something SO wonderful and important that YOU may appear in a list of famous inventors from Delaware. Do a lot of thinking, brainstorming, and planning.

Describe your invention.

Draw a picture of your invention.

Coming to America Journal



Two years ago your father left Sweden to sail to the new world. Find the name of the ship you'll be sailing on, when you leave to join him, in *F is for First State*. Write a journal entry describing how you feel as you are about to leave your home in Sweden for America.

Describe your trip across the ocean.

Describe how you felt when your ship arrived on "The Rocks."



**Where is Delaware? What do you know about the geography of Delaware?
Learn about the people and land of this great state in *F is for First State*.**



Place the following on Delaware's map.

1. Divide and name the counties
2. Draw and label any states that touch Delaware
3. Label waters that border Delaware
4. Place a star on the state capital
5. Label the capital

**D
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w
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r
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t
h
e

M
a
p**



Blue Hen Chicken Math

The Blue Hen Chicken is Delaware's state bird. Learn the interesting story about why they made this choice in *F is for First State*.

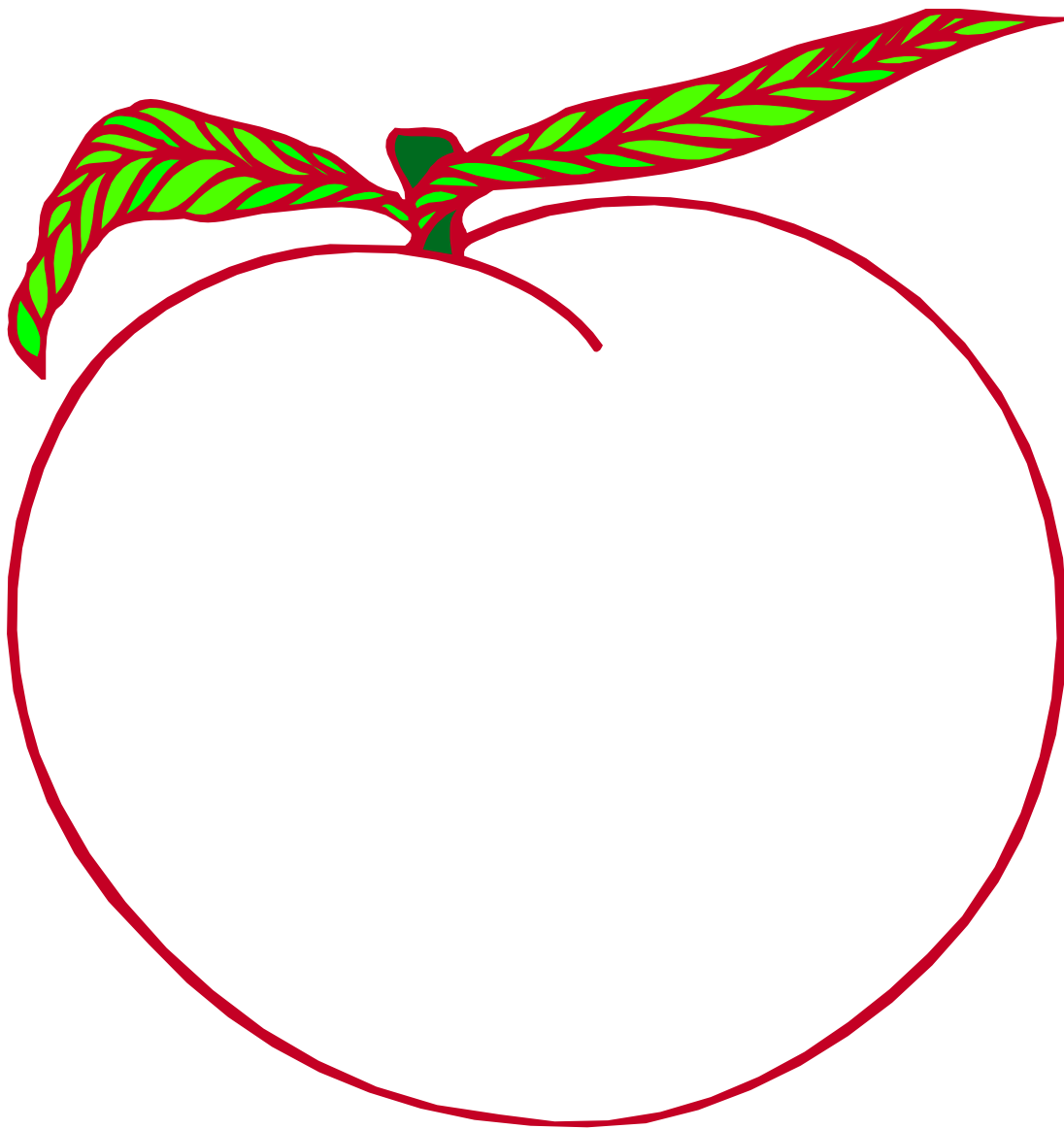
Solve the chicken math problems.

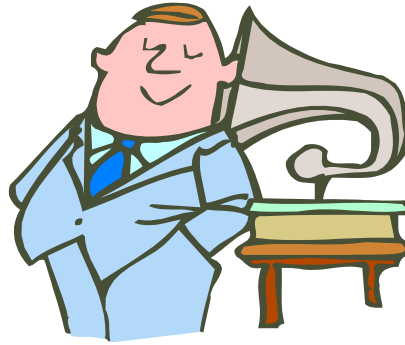
1. If 3 chickens each lay 3 eggs a day, how long would it take to collect 3 dozen eggs? _____
2. Ann's hens were very busy and laid 144 eggs in one week. How many dozen eggs did Ann have? _____
3. Joe sorted out all of the eggs laid in his henhouse in one week. Blue hen laid 14 eggs, white hen 23 eggs, red hen 19 eggs, black hen wasn't feeling well and only laid 4 eggs. How many dozen eggs did Joe have?
4. Red hen laid 45 eggs, blue hen laid 15 eggs, white hen laid 30 eggs. How many eggs did rooster lay? _____
5. Mary collected 9 dozen eggs. How many eggs did she have?

A Peach of a Recipe

The peach played an important role in establishing Delaware's early economy. *F is for First State* will give you many fun-filled facts about the great state of Delaware.

Write your favorite peach recipe below. Collect recipes from each student and make a peach recipe book to be enjoyed by all.





We Helped Delaware Grow!

Every state has citizens who have helped to shape them. Delaware is no exception. Throughout the book *F is for First State* you will find how each of the people below achieved a claim to fame.

1. Mason & Dixon _____
2. Thomas Garrett _____
3. E.R. Johnson _____
4. Caesar Rodney _____
5. Annie Jump Cannon _____

Write a short paragraph describing what you would like to do in order to make Delaware a better place to live.

Point of View



Enjoy reading about the *Kalmar Nyckel* in *F is for First State*. It's interesting to find where the settlers to Delaware started their journey.

Describe how the *Kalmar Nyckel* would look from the point of view of each of the following.

“The Rocks” _____

The Lenni-Lenape _____

The fish _____

The settlers _____

Visit Delaware

Discover many fun and exciting reasons for tourists to take their vacation in Delaware in *F is for First State*. Use this information to make a travel poster encouraging tourists to visit Delaware.

Use this page for your rough draft.

Do your final copy on a large sheet of white paper.

Make sure your facts are correct.

Double check your spelling.

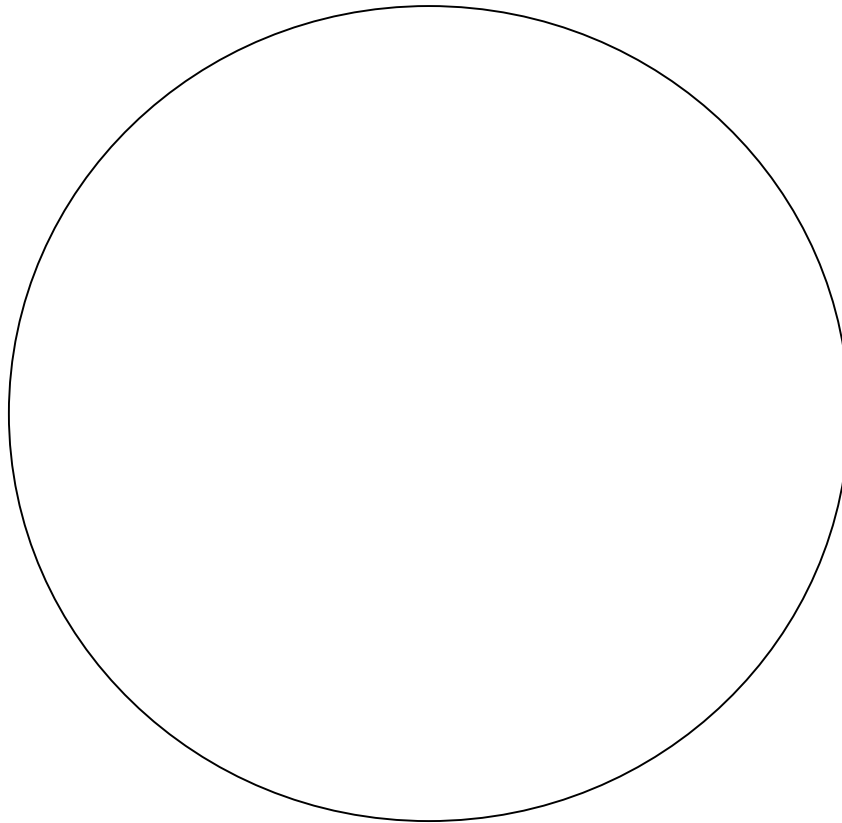
Make your poster colorful and easy to read.

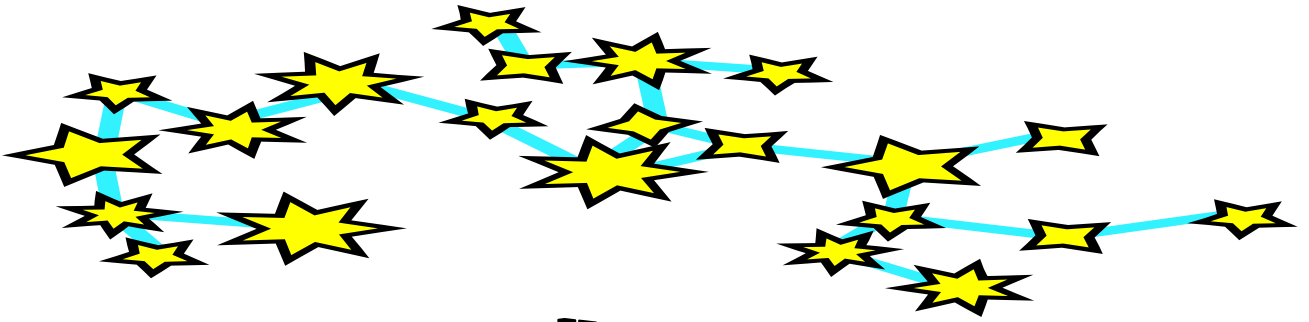
Be creative!

Design a Quarter

Go to the Q page of *F is for First State* to see who is pictured on Delaware's quarter.

You have the chance to design your own quarter that shows what you feel is special about Delaware.

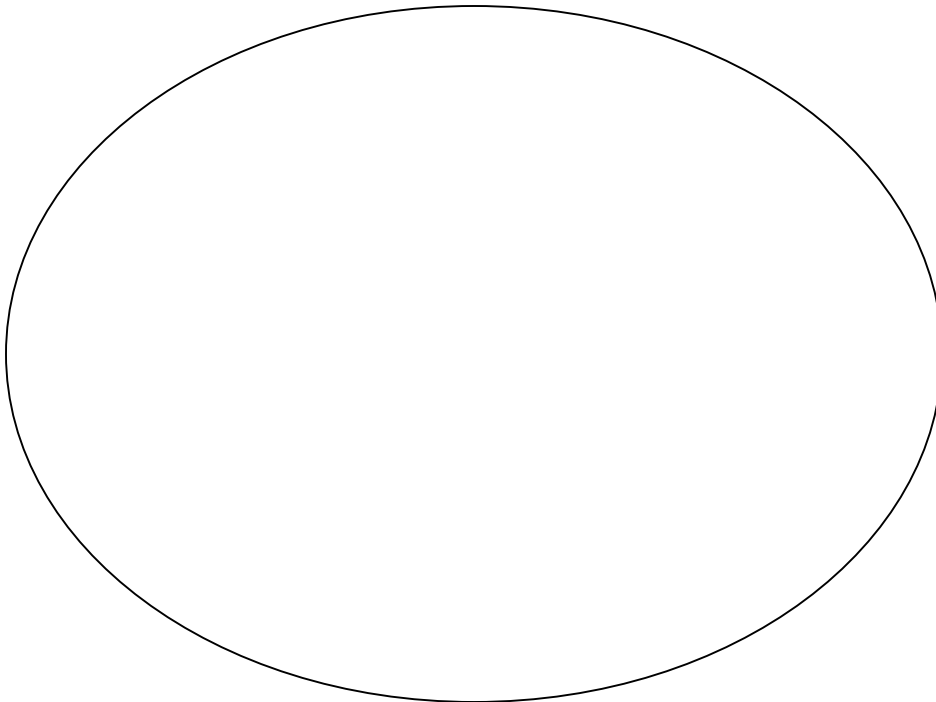




Stars in Her Eyes

Have you ever wished upon a star? Did you know that the star you wished on probably had a name? Discover the woman who invented a way to catalog stars in the book *F is for First State*.

Draw and name the brand new constellation YOU just discovered!



How did you decide on the name for your constellation? How would you catalog it, using Annie Jump Cannon's method.

Delaware is Proud of Us!

State Symbols

The children of Delaware were instrumental in the selection of several state symbols. You can discover what these symbols are in *F is for First State*.

Name these Delaware state symbols.

1. Butterfly _____

2. Insect _____

3. Tree _____

4. Flower _____

5. Fossil _____

6. Bird _____

7. Marine animal _____

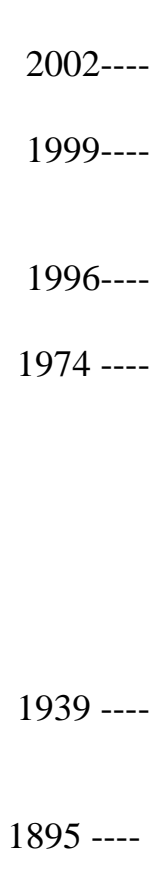


State Symbol Timeline

A timeline is a visual representation of events that happen over time. *F is for First State* is a book about Delaware and important events and people in its history. You will find the dates each of these state symbols were adopted throughout the book.

Place the name of the state symbol next to the date it was adopted on the timeline.

Delaware State Symbol Timeline



Make a Wave Bottle



The long coastline and shipbuilding are two of the features that make Delaware special. You'll read about many sailing vessels connected with Delaware in *F is for First State*.

If you've been to the ocean you've probably seen some big waves. Have fun making your own wave bottle. Tip it back and forth and watch the wave action.

DIRECTIONS

Materials:

One empty 1 liter soda bottle with cap

Water

3 drops of blue or green food coloring

Olive oil

Instructions:

1. Fill the bottle half full with water.
 2. Drop in food coloring and gently shake to mix.
 3. Fill the bottle to the top with olive oil.
 4. Screw the lid on tightly.
 5. Lay the bottle on its side and tip it up.
- ENJOY WATCHING THE WAVES !

Answer Sheet
F is for First State

Delaware is Proud of Us 1) Tiger Swallowtail 2) ladybug 3) American Holly 4) peach blossom 5) Belemnite 6) Blue Hen chicken 7) Horseshoe crab

We Helped Delaware Grow 1) surveyors 2) abolitionist 3) invented Victrola 4) patriot 5) astronomer

Delaware Crossword 1) Dover 2) eggs 3) Landing 4) Anthoni 5) wreaths
6) astronomy 7) Rodney 8) egrets

Alphabetize state parks 1) Bellevue 2) Brandywine Creek 3) Cape Henlopen
4) Delaware Seashore 5) Fenwick Island 6) Fort Delaware 7) Fort du Pont 8) Fox Point 9) Holts
Landing 10) Killens Pond 11) Lums Pond 12) Trap Pond 13) White Clay Creek 14) Wilmington
State Park

Blue Chicken Math 1) 4 days 2) 12 dozen 3) 5 dozen 4) O; Roosters don't lay eggs
5) 108

Delaware Encyclopedia Search 1) 1 2) 10 3) 1 4) 10 5) 9 6) 8 7) 6 8) 3
9) 2 10) 3

State Symbols Timeline 1895 Peach, 1939 Holly tree and Blue Hen chicken, 1974 ladybug,
1996 Belemnite, 1999 Tiger Swallowtail butterfly, 2002 Horseshoe crab

Where in the Galaxy is Delaware 1) Milky Way 2) Earth 3) North America 4) United States 5) Mid-
Atlantic 6) 2nd smallest 7) first