Pandemic Preparedness Action Plan

Home Academic Resources

Christina School District Families;

As the global outbreak of the Coronavirus (COVID-19) continues to evolve, the Christina School District, working with other districts in Delaware, as well as the Division of Public Health, is taking steps to prepare for the possibility of transmission to our community. As part of the Christina School District’s Pandemic Preparedness Action Plan we are providing the following academic resources in the event of an extended school closure.

The attached resources are meant to provide students with an opportunity to practice previously learned skills while schools are closed. These resources are also available on our website www.christinak12.org for downloading and printing. We ask that your child practice their skills by working on these resources daily. Students should complete the packet to the best of their ability. Students should work at their own pace and can receive support from family members. If students reach a point of frustration, please stop and move on. We also encourage our students to read daily for a minimum of 30 minutes per day. Completion of these activities will help maintain your child’s academic progress until school reopens. Please stay tuned to the Christina School District website for the most recent news and announcements regarding potential school closures.

Grade Level: 2
| 1. MATH: Look inside a grocery store flier. Cut out the most expensive item. How much money would you need for 2 of them? |
| 2. SCIENCE: Keep track of the weather for a week. How many sunny days? Rainy days? Cloudy days? How many more days are sunny than rainy? |
| 3. MATH: Circle all the even numbers. 26, 95, 12, 72, 33, 94, 11, 110, 47. How do you know each is even? |
| 4. MATH: Draw a picture of your family from shortest to tallest. Measure the each person you drew with a ruler. Label each picture. |
| 6. MATH: Three numbers in my fact family are 7, 3, and 10. What are 3 addition and 2 subtraction sentences you can make using these numbers? |
| 7. MATH: Create an addition number story. Create a subtraction number story. Solve using pictures, numbers or words. |
| 8. MATH: Estimate the length of string you’d need to fit around a ball. Without measuring, cut the string that you think will work. Test your prediction. What did you notice? |
| 9. MATH: I have a machine that adds 5 to every number I put in. If I put in 4, what comes out? If I put in 16, what comes out? |
| 10. MATH: Draw a clock face. Draw the hands to show what time you go to bed. |
| 11. MATH: Skip count to 100 by 5s, 10s. Skip count to 50 by 2s. Record how long it took each time. Which took longer? |
| 13. MATH: Estimate how many pieces of cereal are in ¼ cup. Count the pieces. Now estimate how many ¼ cups fill your cereal bowl. Check. |
| 14. MATH: 7+7; 7+8 8+8; 8+9 9+9; 9+10 What clues help you solve these problems? |
Add.
1. ★★★★★ + ★★ =
2. ★★★ + ★★★★★★ =
3. ★ + ★★★ =
4. ★★★★★ + ★★★★ =
5. ♥♥♥♥♥♥ + ♥ =
6. ★★★★★★ + ★★★★ =

Complete the table.
7. Count by 4 from 6 to 102

8. Count by 1 from 1 to 25

Find the solution.
9. 6 + 7 + 2 + 7 =
10. 3 + 4 + 7 =
11. 9 + 1 + 1 + 9 =
12. 5 + 7 + 7 =
13. 9 + 4 + 2 + 1 =
14. 9 + 9 + 5 =
15. 5 + 9 + 4 =
16. 9 + 6 + 2 + 9 =
17. 7 + 2 + 1 =
18. 3 + 2 + 2 =
19. 5 + 1 + 2 + 7 =
20. 1 + 7 + 6 =

Find the sum.
21. 8 + 20 =
22. 11 + 2 =
23. 11 + 6 =
24. 23 + 10 =
25. 18 + 19 =
26. 24 + 15 =
27. 27 + 3 =
28. 24 + 10 =
29. 20 + 24 =
30. 3 + 17 =
31. 5 + 16 =
32. 11 + 23 =
33. 3 + 1 =
34. 14 + 24 =
35. 19 + 19 =
36. 3 + 23 =
37. 24 + 9 =
38. 12 + 4 =
39. 23 + 18 =
40. 11 + 14 =
41. 24 + 18 =
42. 5 + 5 =
43. 21 + 25 =
44. 17 + 22 =

Name ________
Solve.

45. ____ Five peaches are in the basket. Six more peaches are put in the basket. How many peaches are in the basket now?

46. ____ 16 red oranges and 10 green oranges are in the basket. How many oranges are in the basket?

47. ____ 13 pears were in the basket. More pears were added to the basket. Now there are 23 pears. How many pears were added to the basket?

48. ____ Paul has 16 more plums than Billy. Billy has nine plums. How many plums does Paul have?

Show the time for each clock.

49. 50. 51. 52.

Find the sum.

53. 10 54. 6 55. 5 56. 7 57. 9 58. 7 59. 13 60. 11
     1 3 14 11 6 1 4 6
     + 3 + 9 + 3 + 13 + 11 + 4 + 7 + 8

Solve.

<table>
<thead>
<tr>
<th>Hot dog</th>
<th>Order of French-fries</th>
<th>Hamburger</th>
<th>Deluxe cheeseburger</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.00</td>
<td>$1.00</td>
<td>$2.00</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

cola = $1.00
ice cream cone = $1.00
milk shake = $2.00
taco = $2.00

61. ____ If Steven wanted to buy a deluxe cheeseburger, how much money would he need?

62. ____ If Adam buys a hot dog, a cola, and three deluxe cheeseburgers, what will his change be if he pays $15.00?

63. ____ Janet wants to buy a hamburger. How much money will she need?
Summer Math Practice - Students Entering 2nd Grade

What number should be added to the first number to make the second number?

64. \[20 + 65 = 85\]
65. \[11 + 66 = 77\]
66. \[3 + 67 = 70\]
67. \[2 + 68 = 70\]
68. \[17 + 69 = 86\]
69. \[19 + 70 = 89\]
70. \[2 + 71 = 73\]
71. \[4 + 72 = 76\]

\[\frac{24}{12} + \frac{5}{10} + \frac{21}{22} + \frac{5}{17}\]

Solve.

72. Nine peaches are in the basket. Five peaches are taken out of the basket. How many peaches are in the basket now?

73. Five pears were in the basket. Some of the pears were removed from the basket. Now there is one pear. How many pears were removed from the basket?

Find the pattern.

74. \[44, 49, 54, 59, 64, 69, 74, \] 75. \[8, 15, 22, 29, 36, 43, 50, \]

76. \[11, 20, 29, 38, 47, 56, 65, \] 77. \[92, 86, 80, 74, 68, 62, 56, \]

78. \[16, 22, 28, 34, 40, 46, 52, \] 79. \[91, 84, 77, 70, 63, 56, 49, \]

Complete the graph.

80. [Grid image with data]

<table>
<thead>
<tr>
<th>Favorite Summer Activities</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swimming</td>
<td>7</td>
</tr>
<tr>
<td>Biking</td>
<td>12</td>
</tr>
<tr>
<td>Softball</td>
<td>15</td>
</tr>
<tr>
<td>Hiking</td>
<td>15</td>
</tr>
<tr>
<td>Jump Rope</td>
<td>13</td>
</tr>
<tr>
<td>Hopscotch</td>
<td>11</td>
</tr>
</tbody>
</table>
Complete each family of facts.

81.  
\[
\begin{array}{c}
8 + 3 = \_ \\
8 + 7 = \_ \\
8 - 3 = \_ \\
8 - 7 = \_
\end{array}
\]

82.  
\[
\begin{array}{c}
8 + 7 = \_ \\
8 + 7 = \_ \\
8 - 7 = \_ \\
8 - 7 = \_
\end{array}
\]

83.  
\[
\begin{array}{c}
12 + 8 = \_ \\
12 + 8 = \_ \\
12 - 8 = \_ \\
12 - 8 = \_
\end{array}
\]

Match the answer with the question.

84.  
\[
\begin{array}{l}
a. \quad 12 + 7 = \_ \\
b. \quad 9 + 18 = \_ \\
c. \quad 6 - 1 = \_ \\
d. \quad 1 - 1 = \_ \\
e. \quad 4 - 3 = \_ \\
f. \quad 19 - 18 = \_ \\
g. \quad 13 - 3 = \_ \\
h. \quad 3 - 3 = \_ \\
i. \quad 17 - 9 = \_ \\
j. \quad 9 - 6 = \_ \\
\end{array}
\]

Complete the table.

85.  
\[
\begin{array}{cc|cc|c}
+ & 7 & 8 & 9 & 1 & 2 \\
\hline
6 & & & & & \\
5 & & & & & \\
8 & & & & & \\
1 & & & & & \\
7 & & & & & \\
\end{array}
\]

Complete the table.

86.  
\[
\begin{array}{cc|cc|cc|cc}
- & 14 & 11 & 10 & 15 & 16 \\
\hline
6 & & & & & \\
5 & & & & & \\
4 & & & & & \\
8 & & & & & \\
1 & & & & & \\
\end{array}
\]
Butterflies are beautiful insects. You often see them around colorful flowers.

A butterfly's life begins in a special way. First, a mother butterfly lays an egg on a leaf. A caterpillar hatches from the egg. The caterpillar eats leaves and grows bigger.

Next, the caterpillar spins a covering around itself. The covering is called a chrysalis (KRIS-a-liss). Inside the chrysalis, the caterpillar slowly changes. The parts of a butterfly begin to form, like the wings, legs, and antennae.

About two weeks later, a new creature pops out of the chrysalis. It has become a butterfly! The butterfly flutters its wings and flies away.
Directions: For questions 1-4, circle the correct answer.

1. What kind of animal is a butterfly?
   a) Butterflies are reptiles.
   b) Butterflies are insects.
   c) Butterflies are mammals.

2. The text describes the different steps in a butterfly's life. What are butterflies when they first hatch?
   a) Butterflies hatch as worms.
   b) Butterflies hatch as caterpillars.
   c) Butterflies hatch as fully grown butterflies.

3. Read the following sentences from the text:
   "Inside the chrysalis, the caterpillar slowly changes. The parts of a butterfly begin to form, like the wings, legs, and antennae.
   "About two weeks later, a new creature pops out of the chrysalis. It has become a butterfly!"

   Based on this information, when does the caterpillar turn into a butterfly?
   a) while it is in the chrysalis
   b) after it leaves the chrysalis
   c) before it spins the chrysalis
4. What is "A Butterfly's Life" mostly about?
   a) how butterflies make a chrysalis
   b) what butterflies eat
   c) the life of a butterfly

5. What can you often see butterflies around?

   You can often see butterflies around

   ____________________________
   ____________________________
   ____________________________
   ____________________________

6. Draw a butterfly that has just emerged from its chrysalis.
7. What did you learn from "A Butterfly's Life"?

8. **Class Discussion Question**: Use information from the text to summarize the steps in the life of a butterfly.
June 14 is Flag Day in America. Many people honor the American flag on that day.

The American flag is red, white, and blue. It has 13 stripes. It has 50 stars. Each star stands for one of our 50 states.

Where do we see the American flag? We see it in parades. We see it on people's houses. We see it on buildings in towns. We see it at schools. We see the flag on many holidays. Where have you seen the American flag?
Directions: For questions 1-4, circle the correct answer.

1. When is Flag Day in America?
   a) July 4th
   b) June 14th
   c) December 25th

2. What holiday does this passage describe?
   a) Independence Day
   b) Flag Day
   c) Memorial Day

3. Flag Day is a time to celebrate the American flag and the important things it stands for. What part of the passage shows us that this is true?
   a) "The American flag is red, white, and blue."
   b) "Many people honor the American flag on that day."
   c) "We see the flag on many holidays."

4. What is the theme of "Celebrate Flag Day"?
   a) parades and why people have them
   b) Flag Day and the American flag
   c) American holidays
5. A) How many stars and stripes does the American flag have?

The American flag has


B) Draw the American flag.
6. What did you learn from “Celebrate Flag Day”?

7. Class Discussion Question: List the places where the American flag can be seen. Then discuss why people display the American flag.
Carl's Garden Problem

Carl wanted to grow a garden. Mrs. Sanchez was Carl's neighbor. She gave Carl flower seeds. Carl planted them.

Mr. Brown was Carl's neighbor too. He saw Carl planting.

"I have vegetable plants in pots," Mr. Brown said. "Would you like to plant those too?"
“Yes, thank you!” said Carl.

Mr. Brown helped Carl plant the vegetables.

“My vegetables keep falling over,” said Carl.

Mr. Brown went to his shed. He came back with long, thin sticks.

“These are tomato stakes. They will hold the plants up,” said Mr. Brown.

Mr. Brown put the stakes in the ground.

“Now the plants will grow tall!” said Carl.
### Penguin
- Has bones inside its body
- Lays eggs
- Has feathers

### Squirrel
- Has bones inside its body
- Gives birth (doesn't lay eggs)
- Has hair or fur

### Spider
- Doesn't have any bones at all
- Lays eggs
- Doesn't have fur or feathers or scales

### Turtle
- Has bones inside its body
- Lays eggs
- Has scales

### Ladybug
- Doesn't have any bones at all
- Lays eggs
- Doesn't have fur or feathers or scales

### Pigeon
- Has bones inside its body
- Lays eggs
- Has feathers

### Snake
- Has bones inside its body
- Lays eggs
- Has scales

### Earthworm
- Doesn't have any bones at all
- Lays eggs
- Doesn't have fur or feathers or scales
Hawk
Has bones inside its body
Lays eggs
Has feathers

Bat
Has bones inside its body
Gives birth (doesn’t lay eggs)
Has hair or fur

Monarch butterfly
Doesn’t have any bones at all
Lays eggs
Doesn’t have fur or feathers or scales

Cat
Has bones inside its body
Gives birth (doesn’t lay eggs)
Has hair or fur

Elephant stag beetle
Doesn’t have any bones at all
Lays eggs
Doesn’t have fur or feathers or scales

Horse
Has bones inside its body
Gives birth (doesn’t lay eggs)
Has hair or fur

Ostrich
Has bones inside its body
Lays eggs
Has feathers

Lizard
Has bones inside its body
Lays eggs
Has scales
Animal Adventures
Mystery 1: How many different kinds of animals are there?

End of Mystery Assessment

1. Match the group of animals with its characteristics.
   ___ Invertebrates   a. Bones, scales, lays eggs
   ___ Reptiles      b. Bones, hair or fur, gives birth to live young
   ___ Birds           c. Bones, feathers, lays eggs
   ___ Mammals       d. Bones, moist skin, lays eggs
   ___ None of the above e. No bones

2. Put an X next to the characteristics that scientists use to group animals.
   ___ Whether it has bones or no bones
   ___ What color it is
   ___ Whether it lays eggs or gives birth to live young
   ___ What it eats
   ___ Where it lives
   ___ Whether it has scales, feathers, or hair

3. TRUE or FALSE? (circle one) Scientists only look at the outsides of animals' bodies to figure out which group they belong to.
4. Bats have wings and can fly, but scientists do not group them with birds. Why is that?

5. Tarantulas are covered in hair, but scientists do not group them with mammals. Why is that?
End of Mystery Assessment

1. Which is true about frogs and toads?
   a. All frogs say “ribbit” but toads make other sounds.
   b. Frogs and toads never live in the same places.
   c. Toads are the kind of frog that has drier, rougher skin.
   d. Only toads will give you warts.

2. Why do frogs call?
   a. That’s the sound of their breathing.
   b. Male frogs call to attract females.
   c. Frogs call because they’re hungry.
   d. Frogs call to tell people where they are.

3. If you visited two ponds, how could you tell which pond had more kinds of frogs?

   __________________________________________________________
   __________________________________________________________
   __________________________________________________________
   __________________________________________________________
   __________________________________________________________

4. What kind of habitat do frogs look for during egg-laying season? Why do they need that kind of habitat?

   __________________________________________________________
   __________________________________________________________
   __________________________________________________________
   __________________________________________________________
   __________________________________________________________
Animal Adventures
Mystery 3: How could you get more birds to visit a bird feeder?

End of Mystery Assessment
1. Choose the type(s) of feeders each bird would be MOST LIKELY to visit, and explain your answer choices below.

- **Tray feeder**
- **Nectar feeder**
- **Tube feeder**
- None of these

Finches will most likely visit ____________________________
because... ____________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

Hawks will most likely visit ____________________________
because... ____________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

Hummingbirds will most likely visit ____________________________
because... ____________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

Doves will most likely visit ____________________________
because... ____________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________
2. Two friends are discussing what is most important for attracting a bird to a feeder. Ahmed says, "I think that having the kind of food a bird likes is most important." Kristina says, "I think that having a place for the bird to perch is most important."

What do you think? How would you respond to Ahmed and Kristina?

3. In the activity, you made a prototype of a bird feeder. How would you want to change your prototype to create a final version of your feeder?
1) Discuss what your bird feeder needs:

1a) What kind of bird do I want to come to my feeder? ____________________________

- **Finches**
  - Eat seeds
  - Like to stand on a peg while eating

- **Jays**
  - Eat seeds
  - Like to stand on a tray while eating

- **Woodpeckers**
  - Eat seeds and bugs
  - Like to hang on the sides of feeders to eat

- **Cardinals**
  - Eat seeds
  - Like to stand on a tray while eating

1b) What does that bird eat? ______________________________________

1c) Where does the bird like to stand when it eats? ________________________

1d) How can my feeder keep birds safe from cats? _________________________

2) Fill in the blanks to write your problem statement:

I want ____________________ to come to my yard. I need a bird feeder with ____________________ and

(kind of bird)

(kind of food)

_________________________ for my bird to stand on. I will make the bird feeder safe from cats by ____________________

(place to stand)
3) Here are my ideas for a bird feeder:

Draw at least two ideas for bird feeders. Be sure you show:
- Where will the food be?
- Where will the birds stand?
- What will keep the birds safe from cats?

Use the back of the page to draw any more ideas.

4) I've built my prototype. What next?

A real bird feeder needs to hold together in wind and rain. What materials could you use to make a real feeder that's like your prototype?
Multiple Choice

1. A butterfly is...
   a. A bird, because it has wings and can fly
   b. A reptile, because it lays eggs
   c. An invertebrate, because it doesn’t have bones
   d. None of the above

2. A pangolin is...
   a. A reptile, because it has scales
   b. A mammal, because it has hair and gives live birth
   c. Both a reptile AND a mammal, because it has characteristics of both groups
   d. None of the above

3. Why do frogs and toads look for wet habitats during egg-laying season? Choose the BEST answer.
   a. That’s where male frogs can find female frogs
   b. It’s easier to hide in wet, swampy areas
   c. Their calls sound louder over water
   d. They need to lay their eggs in water

4. A bird feeder will attract birds if it...
   a. Has the right kind of food
   b. Has places for birds to perch or stand
   c. Is protected from cats and other predators
   d. All of the above