



ChickQuest Quiz

Please fill out the identification chart on the back. Thanks!

- All animals live in...
 - an incubator
 - a habitat
 - a house
- What conditions in the incubator make the best chick habitat?
 - Best air temperature:
 - 100.5° F
 - 65° F
 - 165° F
 - 98.6° F
 - Best humidity
 - 60%
 - 80%
 - 50%
 - 100%

3. Read this chart.

Day	Temperature in Incubator	Humidity in Incubator
1	100.5	60%
2	99.5	47%
3	100	60%
4	99	60%
5	103	60%

- What day was the temperature the highest?
 - What day did the humidity change?
- Which of these describes the life cycle of a chick?
 - egg—chick—chicken
 - baby chick—teenage chick—adult chick
 - yolk—albumen—chalazae—air cell
 - To measure the volume of an egg, you need which measuring tool?
 - thermometer
 - spring scale
 - graduated cylinder
 - tape measure
 - What is the best shape for an egg?
 - round
 - oval
 - triangular
 - square
 - Give one reason why this is the best shape.

- How does a growing chick get food inside an egg?
- Why do eggs need to be turned 3 times each day?
- Egg shells are porous. How do the tiny holes help the incubating chick?
 - tiny holes in the shell allow air and water to move in and out
 - eggs are transparent and you can see inside with a flashlight
 - pores make some eggs float

10. Besides a chicken, what other egg-laying creature can you name?

-Write one interesting fact you remember from your research on egg-laying creatures.

11. What makes a chicken different from a dog?

-List three characteristics that a scientist could use to classify them.

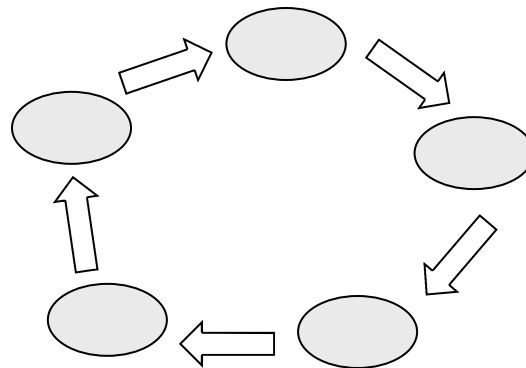
12. How can you tell if an egg is hard-boiled without cracking it open? Circle all the correct answers.

- weigh it
- measure it
- candle it
- spin it
- see if it floats

13. How do birds make nest that stay together in all kinds of weather?

-Where do birds get their nest making materials?

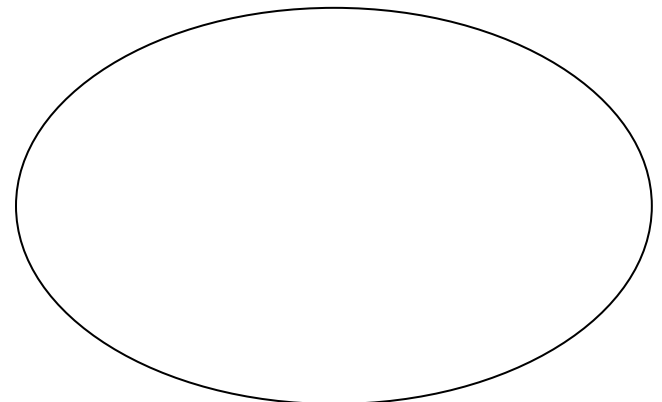
14. Add the engineering design process steps to this chart choosing the correct words from the box.



word box

- create
- ask
- report
- measure
- plan
- imagine
- color
- improve

15. Design your own egg with pencils, markers, or crayons. Have fun!



Name _____

Address _____

School _____

Grade _____ Teacher _____