Reading Homework:

Velociraptors and Birds

Adapted from Readworks.org
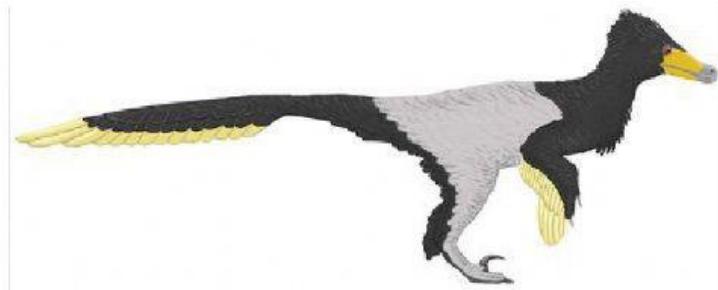
Velociraptor

Dinosaurs, the reptiles which walked the earth long ago, went extinct about 66 million years ago. But today, we can see their **descendants** everywhere. Which of today's creatures came from dinosaurs? Some people may assume that crocodiles, alligators, or other reptiles could call dinosaurs their ancestors. But that's not the case. Rather, the animals that descended from dinosaurs are far more common and familiar. They're birds!

Velociraptor skeleton

Modern birds came from a group of two-legged dinosaurs. These dinosaurs are known as theropods. They include familiar dinosaurs like the fierce *Velociraptor*. This dinosaur, in particular, shows many of the **similarities** between birds and dinosaurs. For example, the *Velociraptor* had feathers! Scientists can tell that these dinosaurs were feathered based on their fossils. A fossil of a *Velociraptor*'s forearm bone that was found in Mongolia had quill knobs, which are structures on a bone that hold feathers. Today's birds have these as well. *Velociraptors* also had **hollow** bones, like today's birds. And they also tended to nests of eggs, like their modern-day **descendants**.

In birds today, **hollow** bones and feathers make it easier for birds to fly. But unlike today's birds, *Velociraptors* could not fly. Their short forelimbs made it impossible to take off from the ground. Their feathers may have had other uses, like for mating displays or keeping the dinosaur's body at the right temperature.

1.) The passage says, "In birds today, hollow bones and feathers make it easier for birds to fly. But unlike today's birds, *Velociraptors* could not fly. Their short forelimbs made it impossible to take off from the ground."

What conclusion can be drawn based on this evidence?

A. *Velociraptors* did not have feathers or hollow bones.

B. Today's birds have more feathers than *Velociraptors* did.

C. Today's birds have relatively longer forelimbs than *Velociraptors* did.

D. Having hollow bones is necessary in order to have the ability to fly.

2.) What is the main idea of this passage?

A. Modern day birds and some ancient dinosaurs like the *Velociraptor* showed very similar behavior, like tending to nests of eggs.

B. Fossil evidence helps show that modern day birds came from a group of dinosaurs called theropods, which included the *Velociraptor*.

C. Scientists have discovered that the dinosaur *Velociraptor* descended from ancient birds, based on fossil evidence.

D. While birds today are able to fly, dinosaurs like the *Velociraptor* were not able to fly.

Writing Homework:

Directions: Imagine you are taking a trip to the moon! Write a paragraph explaining what you would need to pack for your trip and why.

Math Homework:

1. Which shows these fractions ordered from least to greatest?

$$\frac{8}{8}, \quad \frac{5}{4}, \quad \frac{6}{9}$$

a. $\frac{8}{8}, \quad \frac{6}{9}, \quad \frac{5}{4}$	b. $\frac{5}{4}, \quad \frac{6}{9}, \quad \frac{8}{8}$
c. $\frac{6}{9}, \quad \frac{8}{8}, \quad \frac{5}{4}$	d. $\frac{5}{4}, \quad \frac{8}{8}, \quad \frac{6}{9}$

2. Solve for the sum of $1\frac{2}{6}$ and $1\frac{1}{9}$. *Remember all answers must be in simplest form - look at your notes*

a. $2\frac{2}{18}$	b. $2\frac{3}{15}$
c. $2\frac{4}{9}$	d. $2\frac{4}{18}$

3. Which measurements are equivalent to 3 miles? (Use your foldable in your math notebook)

5,280 feet	15,780 yards
5,340 feet	15,840 yards

4. Look at the number pattern below.

144, 132, 120, 108, 96, 84

If the pattern continues using the same rule, what will be the 9ᵗʰ number in the pattern?

a. 72	b. 60
c. 48	d. 36

4. Maria has a spinner with eight equal sections as shown. She will spin the arrow on this spinner one time.
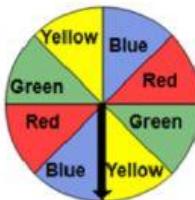
What is the probability the arrow will land on a section that is green?
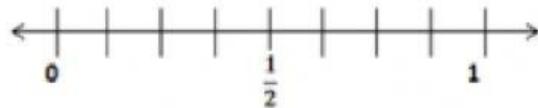
6. This model is shaded to represent = 1

What number does this model represent?

| a. 1.21 | b. 1.021 | c. 0.121 | d. 1.201 |

Virginia Studies Homework:

>>>>>>>>>>> *Virginia's Government & Economy*

Complete the diagram.

Virginia's Government

executive   legislative   judicial

[   ]   [   ]   [   ]
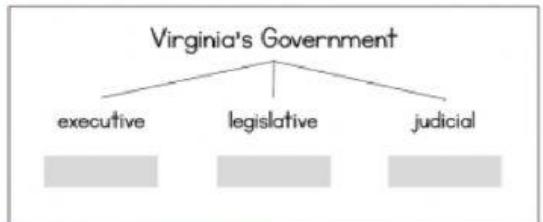
courts and judges | General Assembly | president | governor

>>>>>>>>>>> *Virginia's Government & Economy*

The General Assembly includes
the Senate and the –

House of Representatives

House of Burgesses

House of Delegates

Science Homework:

#11 SELECT ALL THE MOTIONS OF OCEAN WATER:

Tides

Gravity

Wind

Currents
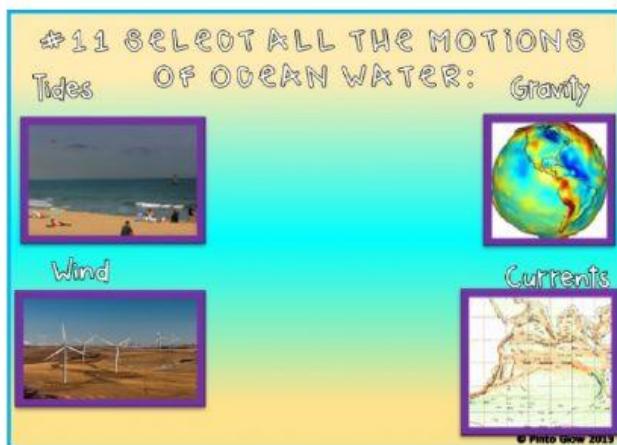
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#12 DRAG THE IMAGES TO CREATE AN OCEAN FOOD CHAIN:

trout

phytoplankton

dolphin

zooplankton

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