

PLANTS AND WILDLIFE OR CONSERVATION BASEBALL

SETUP

Set out bases in a diamond just like a regular baseball field. Size adjusted to fit available space. Use paper plates or any other visible material for bases.

Organize participants into two teams.

ACTIVITY

Each team decides on batting order

Batter is either asked whether they want to try for a single, double, triple or home run or type is selected by roll of dice.

Batter is asked a question in the category selected (arranged in increasing difficulty from single to home run).

If can't answer a question they are out (three outs retires the team). Otherwise occupy base or home according to level of question.

PLANTS AND WILDLIFE BASEBALL

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SINGLE

Which of these are characteristics of poison ivy?

- a. three leaves b. palmately arranged c. always found as a vine d. all of these e. **a&b only**

Owls like which parts of their prey best:

- a. flesh b. internal organs c. head for the brains d. **all of these** e. a only

Feral hogs will eat:

- a. roots b. insects c. baby deer d. carrion e. humans f. a,b,c,d g. **all of these**

Which factors control the local distribution and survival of plants?

- a. Water & soil only b. **water, soil, sunlight and wildlife** c. water, soil, and animals only d. water and sunlight only.

Which factor/s control when and where an animal can most likely be seen?

- a. Temperature b. vegetation c. time of day d. sunlight e. water f. **all of these** g. a, b & c

What are the components of soil?

- a. Mineral and organic matter b. air and water c. living organisms d. a & b e. **all of these**

How can you tell a simple from a compound leaf?

- a. Location of bud node b. presence of a petiole c. where detaches in winter d. **a&c** e. all

Which of the following are one of principles of leave no trace?

- a. Plan ahead b. combine groups to minimize disturbance c. leave what you find d. respect wildlife e. **a,c and d.** f. all of these

Why don't we teach about edible plants?

- a. Safety b. lack of expertise c. leave no trace d. effect on plant survival e. a,b & c f. **all of these**

DOUBLE

Poison Sumac has these characteristics:

- a. Widespread in Texas wetlands b. leaves not sawtoothed c. contains urushiol d. all of these e. **b and c only**

Which of these are related to the American Holly Tree?

- a. Yaupon b. red bay c. possumhaw d. magnolia e. **a&c**, f. all of these

Which animals will eat feces?

- a. Coyote b. Opossum c. rabbits d. a only e. **all of these**

Which of the following cats occur in Texas?

- a. Jaguar b. ocelot c. jaguarundi d. lynx e. Margay f. all of these g. **abc only**

Which of the following are invasive and native?

- a. Chinese Tallow b. **yaupon** c. zebra mussel d. hydrilla e. black tiger shrimp f. b&e

Which of the following has/have a symbiotic relationship with plants?

- a. Pollinators b. fungi c. bacteria d. fruit eaters e. a and d f. **all of these** g. a, c and d

Which of these plants have compound leaves?

- a. Poison sumac b. ash c. poison ivy d. virginia creeper e. a,b&d f. **all of these**

TRIPLE

Which are known to carry leprosy.

- a. Feral hogs b. racoons **c. armadillo** d. squirrels e. all of these

Mast year refers to:

- a. **Bumper acorn crop** b. extreme tree growth c. high survival of seedlings d. all of these

Which of the following animals are found in our area:

- a. bobcat b. cougar c. ringtails d. racoons e. a&d only f. ab&d **g. all of these.**

Which of these animals are immune to snake bites?

- a. Feral hogs b. deer c. rabbits d. dogs **e. a&c** f. all of these

Mobbing is a term most often applied to group of:

- a. Fish b. grasshoppers **c. birds** d. deer e. coyotes

Indians used which of these as a food source:

- a. Acorns b. cattails c. water hickory nuts d. arrowhead e. all of these **f. a,b & d**

What is the state mammal of Texas?

- a. Mexican Free-tailed bat b. Longhorn c. Nine-banded armadillo d. Ringtail **e. all of these**

Which of the following Houston area residents are endangered?

- a. Houston toad b. Red headed woodpecker c. Spotted skunk d. swamp rabbit e. all of these **f. a,b&d**

Texas hosts what % of US snake species?

- a. About 25% **b. about 50%** c. about 75% d. almost 90%

Which of these snakes are poisonous?

- b. copperhead b. hognose c. coral d. lyre e. a and d **f. none**

HOME RUN

Contains a compound used in production of Theraflu.

- a. willow **b. Sweetgum** c. Hercules Club d. Prickley Ash e. None of these

Which tree has been used to treat a tooth ache?

- a. willow **b. prickley ash** c. yaupon d. magnolia e. all of these

A group of crows is called a:

- a. **Murder** b. boil c. brace d. stand e. pack f. a&b

Which of these trees have simple, opposite leaves?

- a. maple b. ash c. yaupon d. oak e. dogwood f. a&b **g. a&e.**

Which of these animals is known to cross a stream by walking/crawling along the bottom?

- a. Opossum **b. armadillo** c. racoon d. cottonmouth e. a and d

The Spadefoot Toad is:

- a. A predator b. a herbivore c. able to survive dry periods d. b and c **e. all of these**

The Houston area is noted for it's ecological diversity including:

- a. Proximity to 4 biomes b. proximity to 10 ecoregions c. proximity to migratory bird wintering areas d. frequented by over 600 species of birds e. a&c **f. all of these**

Which snake species have a Texas state wide range?

- a. Cottonmouth b. Common king snake c. Rat snake d. Coachwhip e. all of these **f. b&d**