

Tastytrophic

Fair Foods on a Totally Trophic Level

FOODIES

QUEST 09 BIOLOGY

STATE FAIR OF TEXAS CURRICULUM

STUDENT EDITION

Recap

You will be going to the State Fair of Texas to determine the Trophic Levels of your favorite Fair foods, and figure out which foods will give you the most energy, so you can have more fun...for longer!

Recall from your class discussions:

- ★ The **trophic basic levels are: producer, primary consumer, secondary consumer, tertiary consumer, and quaternary consumer.** See the illustration.
- ★ Why are carbohydrates, proteins, and lipids important? How do they function in our bodies?



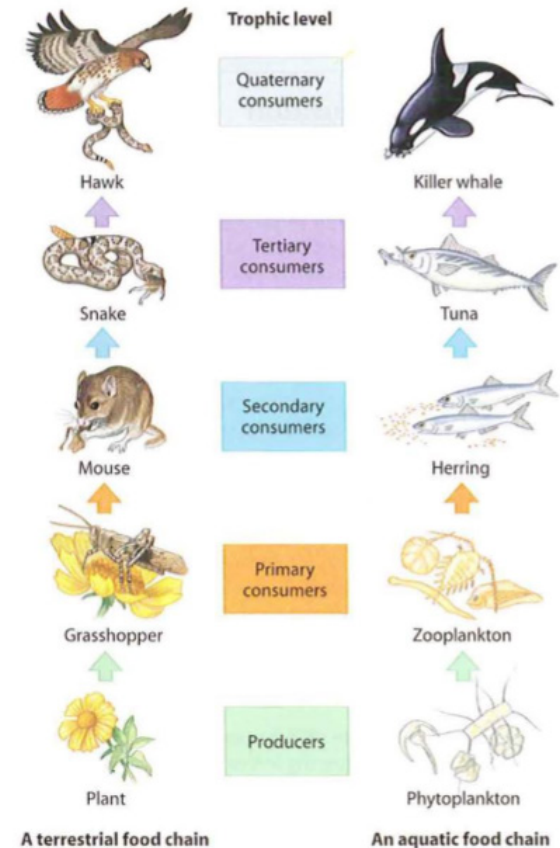
Plan Your Route

- ★ Food vendors are located throughout the Fair.
- ★ To plan ahead for what foods you'd like to try, you can check out the Texas State Fair website: www.bigtex.com



Optional Materials to Bring

- ★ Writing utensil and something to write on
- ★ OR
- ★ A way to digitally take notes
- ★ Your eating face



While You're There

You will use information you gather at the State Fair to help you with THREE project goals:

1. Make a recommendation for which food will give fairgoers the most energy throughout the day.
2. Design a color field art piece.
3. Compose two stream of consciousness poems about the food you eat today.

The objective of your visit is to classify Fair foods by their trophic level and identify how eating those foods makes you feel. In fact, you'll compose your poems at the Fair!

★NOMS...OR NAPS?:

- o Work your way past food and drink vendors and take note or take photos of what items they serve. Include at least 15 different products.
- o Grab some refreshments from a vendor (or two). Make note of the food or drink and how it made you feel after consumption.
- o Interview your friends, family, or fellow fairgoers and ask them what they've eaten and how it made them feel.

★**POETICALICIOUS (ENGLISH PORTION):** A stream of consciousness poem refers to a poem that describes your thoughts and feelings as you experience them. All of the foods and drinks that you ingest at the Fair will impact your emotions, thoughts, and physical being in different ways.

- o Choose one drink and one food item that will be the focus of two stream of consciousness poems.
- o There is no specific structure to a stream of consciousness poem, and you don't have to worry about punctuation as you write your poem, either!
- o Instead, just write down your thoughts and feelings as you experience eating and drinking the food and drink items.
- o *DO* make sure you pay attention to your five senses, how you are feeling, and what you are thinking.
- o Each poem should have **one** stanza with at least 15 lines.

★**TROPIC WONDER?:** Make your way over to the Swine Barn, and locate the Woofus statue, a fountain sculpture with the body of a pig, wings of a duck, tail of a turkey, Texas Longhorn horns, wool of a sheep, and neck of a horse.

- o What trophic level would the Woofus belong to?



Rothko, No. 16



Back at School

When you return to class following your State Fair visit, you will work on your three projects. See your teachers for more information.