

Lesson Plan

Food Chain Matroshakhas

Class Duration: 45 minutes
hour

Tour Duration: 1

Goals: Teach students how the food chain works by constructing matroshakhas representing the various trophic levels.

Supplies:

- Matroshakhas boxes (4 total each student)
- Crayons
- Glue Sticks

Education:

_____ Teachers guide students to discover that all plants & animals (including humans) need energy to survive.

_____ Determine that we all get that energy from the sun

_____ Discuss different trophic levels and how energy is lost between each level

_____ Pass out matroshakhas papers and allow kids to color the pictures as they wish

_____ Tell the kids to fold the cards along the dotted lines and glue the tabs

_____ Represent a number of objects with a written numeral 0-20

_____ Explain how the matroshakhas work and how they are a model to represent the trophic levels

SCIENCE STANDARDS:

3.1a

4.2a, 4.2b, 4.2c

6.4a, 6.5a, 6.5b, 6.5c, 6.5d

Common Core: K.CC

NGSS Standards:

K-LS1-1

K-ESS3-1

SL.K.5

K.W.2.1

K.MD.A.2

5-PS3-1