

“Number Hunters”

Fall > Hunting > Math (06.F.HUNT.MATH)

Season & Location

Fall/Classroom

Partners/Community Connections:

Standards Addressed:

2nd Language:

SL.PS2.IR.01: Obtain Information from simple text, often using context clues.

Math:

This activity can potentially address many different Math Standards; particularly in the area of Ratios and Proportional Relationships; Equations; and Statistics and Probability.

Science:

6.2L.2 Explain how individual organisms and populations in an ecosystem interact and how changes in populations are related to resources.

Cultural Competency:

Vocabulary:

Math*	Chutlh-tauk
Add	Ch'aa-ta
Subtract	Duu
Multiply	Tvn
Divide	k'wii-ghinlh-ch'vt
Equals/Is equal to	Lhee-wii
Fraction	Wan'

Phrases/Grammar:

N/A

Prior/Concurrent Lesson Resources:

Counting (01.MA.01a-b)

6th grade “Hunting” lesson plans

After completion, students/instructors will be able to:

Locate statistical information on hunting using the Internet and the ODFW website;

Use Dee Ni vocabulary to describe the numbers and animals described in the statistics;

Use this vocabulary to construct Dee Ni word problems and equations.

Solve student-generated Dee Ni story problems and equations using 6th grade standard math skills.

Description:

Students will consult the ODFW website to gather data related to game harvests for calendar years as directed by the classroom teacher. Links/URLs will be added. (Similar information will be available from the Tribe – I’m not sure whether or not these numbers should be used. If there is nothing wrong with it, these numbers would be preferable, since they’re more “local”.)

Students will use Dee Ni vocabulary describing game animals, as well as numbers and operations vocabulary, to create simple word problems and corresponding solutions.

Problems should be created that can be solved using 6th grade level standard math skills as described above.

Hunting data can be used in conjunction with similarly collected information on - for instance – weather, to create scientific models representing population growth and distribution patterns, migration, etc.

Student-generated Dee Ni math problems are compiled into a workbook. This workbook is used as a resource for both Math and Dee Ni language learning.

Materials and Supplies:

Materials from “Counting” lessons;

Access to ODFW website;

Materials necessary to create written and illustrated word problems.