Area-Human Development
Project-Sexually Transmitted Disease Probability

Standards
SD FACS Standards
FCS 2.2.5
Explain the effect of life events and conditions on individuals' physical and emotional development.

SD Mathematics Standards
9-12.S.2.1
Determine the probability of compound, complementary, independent, and dependent events.
9-12.S.2.1.a.
Use theoretical probability models to determine outcomes of chance events.
9-12.S.2.2
Determine probabilities using counting procedures, tables, tree diagrams.
9-12.1.2
Analyze and evaluate bias in surveys and experiments.

Project
Student will calculate the statistical probability of contracting a sexually transmitted disease when having 1-12 sexual partners.

What will you do?
Calculate the probability of contracting a sexually transmitted disease based on given statistics.
Create a poster, pamphlet, graph, chart or table to show information.
Write a reflection paper based information gathered.

What will you need?
Teacher generated statistics
How At Risk Are You Instruction Sheet
Sexual Exposure Chart
Refection paper criteria
Dice
M & M's (5 red, 5 yellow, 5 green, 5 brown, 5 blue) per student
Brown paper bag (one per student)

How will you be evaluated?
Visual criteria checklist
Reflection paper criteria checklist

Supplemental Materials
CDC statistics provided by teacher
Computer/Printer

Resources

Why kNOw. How At Risk Are You?. Chattanooga: Abstinence Programs, 2000.
"Facts and Answers about STD." STD Statistics. American Social Health Association. 03 Sept 2004
<http://www.ashastd.org/stdfaqs/statistics.html>.
"STD's in Adolecents and Young Adults." 2002 National STD Surveillance Report. 28 June 2004. Center for Disease Control. 03 Sept 2004 <http://www.cdc.gov/std/stats/adol.htm>.