

# Birth Defects - Fetal Alcohol Syndrome

## Summary

This can be 2 separate units or 1 extended unit.

Birth Defects can be influenced by heredity, the environment, or a combination of both. Birth defects will have certain characteristics and treatments, or ways they might be prevented. Fetal Alcohol Syndrome is one type of birth defect.

## Time Frame

4 class periods of 90 minutes each

## Group Size

Large Groups

## Materials

An LCD projector and computer, a VCR and TV, a computer lab for research, index cards, and markers

## Background for Teachers

Review birth defect information from curricula and web sites. Textbooks and books available from the school media center will also be helpful for the teacher and students.

## Intended Learning Outcomes

The students will be able to identify the cause, characteristics, and the treatment or prevention of the birth defects presented in class.

## Instructional Procedures

### OPTION 1

Day 1: Use FAS as an introduction to the Birth Defects Unit.

-Students will complete the Know, Want to Know, and Learned worksheet.

-Watch the FAS power point and write 3 facts on the KWL worksheet.

-Discuss the effects of drinking during pregnancy.

-Read "The King and the Scratched Diamond Story".

-Video (Meridian):Birth Defects: Causes and Preventions

Day 2: -Show the BIRTH DEFECTS power point presentation explaining the students' assignment.

Put the students in pairs (or let them pick partners) and assign them a topic from a list of common birth defects.

-Using the FACTS ABOUT BIRTH DEFECTS worksheet, students will find the information needed for their presentations (schedule the Media Center/Computer Lab for the students to collect information).

-Students will present their information in one of the following methods to the class: ...Power Point Presentation ...Poster and an Oral Report ...Brochure (one brochure for each student in class), and an Oral Report

Day 3: Guest speaker on birth defects (a parent of a child with a birth defect, doctor, etc.)

Day 4: Student Presentations - The class will take notes on all reports

### OPTION 2

Using information from the March of Dimes fact sheets and other internet/book information, create 10-12 folders for different birth defects. Working in pairs, have students pass around the folders with the information and pictures of the birth defect. This is a faster way for the students to obtain the

information.

### Extensions

Extra Credit Assignment: Interview a parent of a child with a Birth Defect. Record the information on the sheet and have the parent sign (or identify if the information was received by phone call).

### Assessment Plan

KWL pretest Written paragraph on FAS including facts and personal thoughts.

Each group will write 2 questions (with answers) from their presentations. Written test may be written using these questions.

### Bibliography

USOE - FACS 1994 Child Development Curriculum

March of Dimes

### Authors

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