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Resource ID#: 5009

Primary Type: Video/Audio/Animation

Direct Link: <http://www.pbs.org/wgbh/nova/sciencenow/0402/04.html>

Autism Genes

This 13-minute video segment produced by NOVA Science Now explores the work by one committed family and researchers to identify patterns in the genetic information of autism patients.

General Information

Subject(s): Science

Grade Level(s): 7

Intended Audience: [Educators](#), [Students](#), [Parents](#)

Instructional Time: 13 Minute(s)

Keywords: autism, gene, genetic factor, chromosome, DNA, heredity, biotechnology, brain, research, development, neuron, nervous system, disease, disorder, health, medicine

Instructional Component Type(s): [Video/Audio/Animation](#)

Resource Collection: iCPALMS

Suggested Technology: Computer for Presenter, Internet Connection, LCD Projector, Speakers/Headphones, Adobe Flash Player

Freely Available: Yes

Additional Information/Instructions

By Author/Submitter

Video is 13 minutes, not including discussion time.

Some students may be sensitive to video content, which includes autistic children ages 1 to 18.

Segments from the movie Rain Man are included.

Source and Access Information

Contributed by: Virginia Pickett

Name of Author/Source: WGBH Educational Foundation

District/Organization of Contributor(s): Duval

Is this Resource freely Available? Yes

Access Privileges: Public

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Aligned Standards

Name	Description
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[SC.7.L.16.1:](#)

Understand and explain that every organism requires a set of instructions that specifies its traits, that this hereditary information (DNA) contains genes located in the chromosomes of each cell, and that heredity is the passage of these instructions from one generation to another.

[SC.7.N.1.5:](#)

Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.

Aligned Access Points

Access Point Number	Access Point Title
SC.7.L.16.In.1:	Explain that some characteristics are passed from parent to child (inherited).
SC.7.L.16.Su.1:	Recognize that offspring have similar characteristics to parents.
SC.7.L.16.In.2:	Recognize that it is possible to predict whether a person is likely to inherit a particular trait from parents.