

NGSS HS-LS3-1

Curriculum Bundle

DNA and Chromosomes: Understanding How Traits Are Inherited

- ✓ 1 Lesson and 3 Activities
- ✓ Everything You Need to Teach NGSS HS-LS3-1

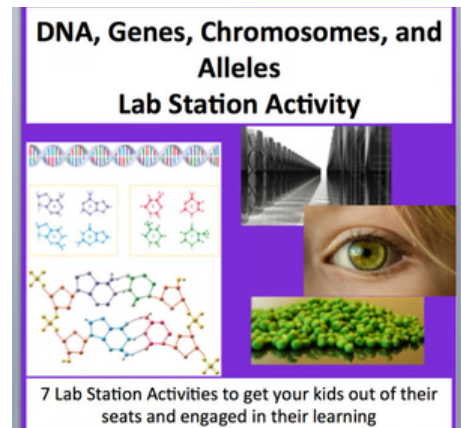
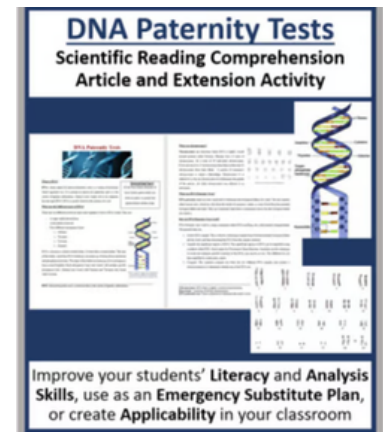
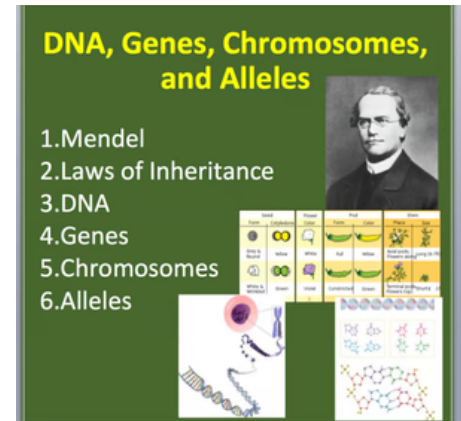


Resources Included

✓ 1 Lesson

✓ 3 Activities

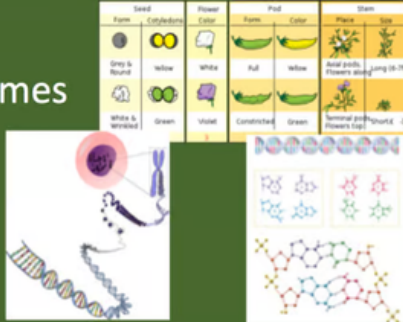
- DNA, Genes, Chromosomes, and Alleles – Lesson
- DNA, Genes, Chromosomes, and Alleles Lab Station Activity
- DNA, Genes, Chromosomes, and Alleles – Scavenger Hunt Activity
- DNA Paternity Tests - Science Reading Article



Everything You Need to Teach NGSS HS-LS3-1

DNA, Genes, Chromosomes, and Alleles

1. Mendel
2. Laws of Inheritance
3. DNA
4. Genes
5. Chromosomes
6. Alleles



DNA Paternity Tests

Scientific Reading Comprehension
Article and Extension Activity

DNA Paternity Tests

Read the article and answer the questions. Use the information in the article to complete the extension activity.

Read the Article

Answer the Questions

Extension Activity

Use the information in the article to complete the extension activity.

Improve your students' **Literacy and Analysis Skills**, use as an **Emergency Substitute Plan**, or create **Applicability** in your classroom.

Device-Based Scavenger Hunt DNA, Genes, Chromosomes, and Alleles



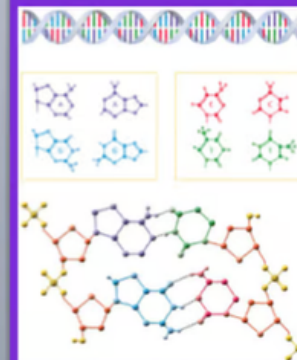
- Includes
- 5 Unique Locations
 - Online form submission
 - Answer Key

Works on all smartphones, tablets, Chromebooks, and laptops

- **100% Digital**
- Simulations
- Quizzes
- Videos
- Games
- and more



DNA, Genes, Chromosomes, and Alleles Lab Station Activity



7 Lab Station Activities to get your kids out of their seats and engaged in their learning

The Standard is Explained and the Resources it Incorporates are Outlined

HS LS2 Heredity: Inheritance and Variation of Traits

HS-LS3-1. Ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring. [Assessment Boundary: Assessment does not include the phases of meiosis or the biochemical mechanism of specific steps in the process.]

Resources:

- DNA, Genes, Chromosomes, and Alleles – Lesson
- DNA, Genes, Chromosomes, and Alleles Lab Station Activity
- DNA, Genes, Chromosomes, and Alleles – Scavenger Hunt Activity
- DNA Paternity Tests - Science Reading Article

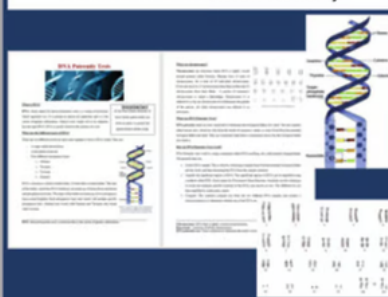
DNA, Genes, Chromosomes, and Alleles

1. Mendel
2. Laws of Inheritance
3. DNA
4. Genes
5. Chromosomes
6. Alleles



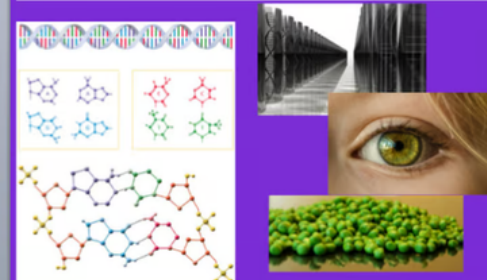
DNA Paternity Tests

Scientific Reading Comprehension
Article and Extension Activity



Improve your students' **Literacy** and **Analysis Skills**, use as an **Emergency Substitute Plan**, or create **Applicability** in your classroom

DNA, Genes, Chromosomes, and Alleles Lab Station Activity



7 Lab Station Activities to get your kids out of their seats and engaged in their learning

Who is this Bundle for?

- **Teachers who teach High School science and use the NGSS**
- **Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard**
- **Teachers who don't have time to develop their own resources or organize what to teach and when**