

PROJECT: Autoimmune Disease Mobile

Autoimmune disease to research: _____

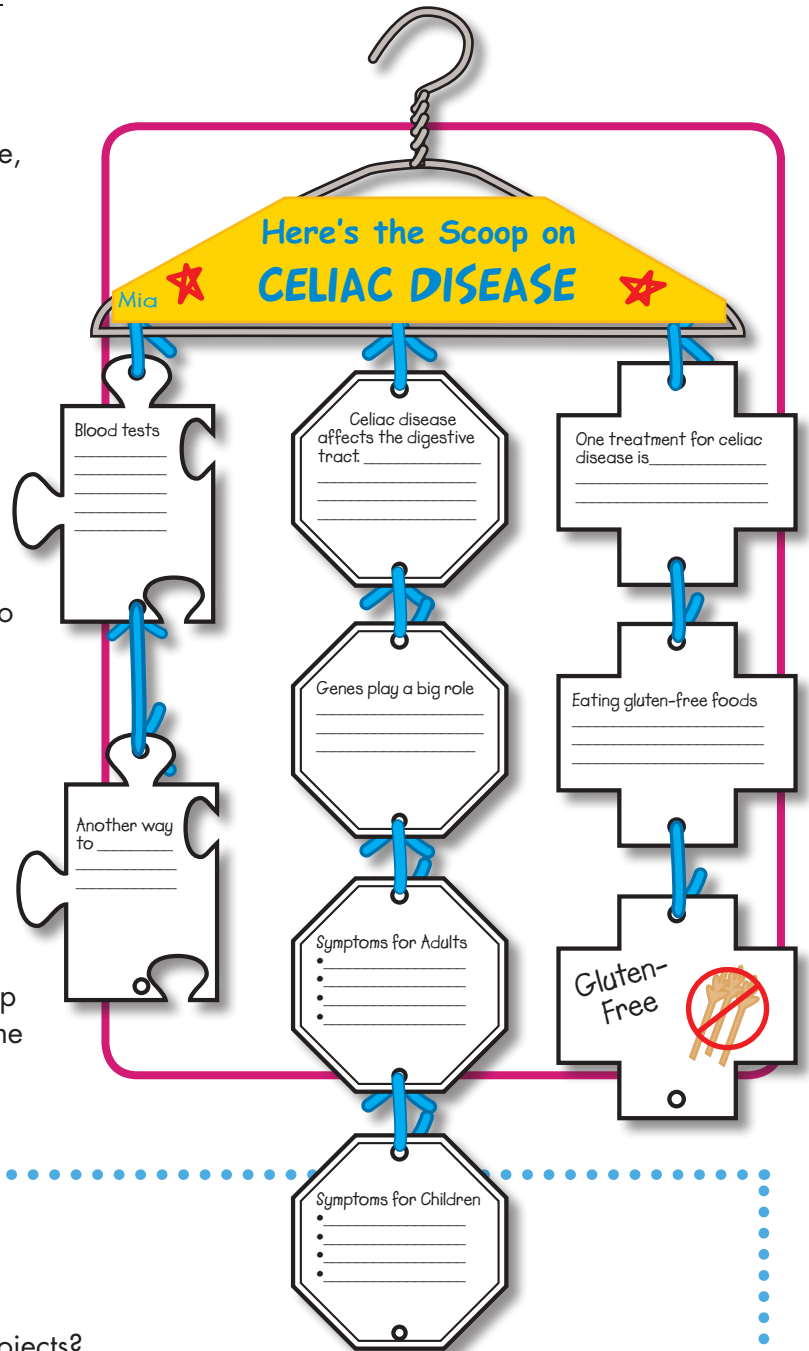
Due date: _____

Materials:

- copy of page 2
- five sheets of 9" x 12" construction paper (4 white, 1 colorful)
- scissors
- hole puncher
- pencil
- tape
- crayons, markers, or colored pencils
- 3–4 feet of yarn or string
- coat hanger

Steps:

1. Research your autoimmune disease. Take notes on the causes and symptoms of the disease. Also find out how the disease is diagnosed and how doctors treat it.
2. Complete the three mini projects about your autoimmune disease as directed on page 2.
3. Connect the shapes for each project by tying short lengths of string or yarn through the holes as shown. Then tie each project's shapes to the hanger.
4. On colorful construction paper, create a title strip for your mobile. Include your name and the name of the autoimmune disease you researched.
5. Tape the title to the hanger as shown.



I Think I'm Finished!

To make sure, answer these questions:

- ___ Did you complete all three mini projects?
- ___ Are the facts on your mini projects accurate, complete, and well written?
- ___ Did you proofread your mini projects for correct capitalization, spelling, and punctuation?
- ___ Did you add a title and your name to your mobile?

Autoimmune Disease Mini Projects

Directions: Research your autoimmune disease. Find out the causes and symptoms of the disease, how it is diagnosed, and how doctors treat it. Then complete the three mini projects below as directed. Add the completed projects to your mobile as directed on page 1.

Project 1
Causes, Signs, & Symptoms

What you need: pencil; scissors; two sheets of white construction paper; hole puncher; crayons, markers, or colored pencils

What you do: Cut out this pattern and trace it four times on construction paper. Then cut out the tracings and punch a hole in the top and bottom of each shape where shown on the pattern. On one tracing, identify the part of the body that is affected by this disease. On a second tracing, explain the causes of your disease. On each remaining tracing, list one or more signs or symptoms of your autoimmune disease.

Project 3
Putting the Pieces Together

What you need: sheet of white construction paper; pencil; scissors; hole puncher; crayons, markers, or colored pencils

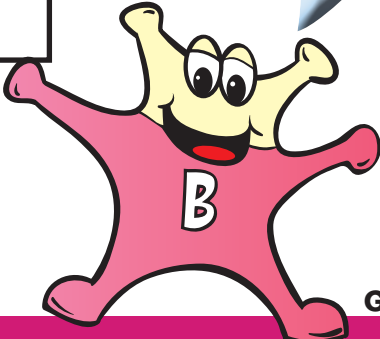
What you do: Cut out this pattern and trace it two times on construction paper. Then cut out the tracings and punch a hole in the top and bottom of both shapes. Next, label one tracing with information about how a doctor diagnoses, or recognizes, that a person has this autoimmune disease. Continue the information on the second tracing if needed. If not, draw an illustration on the second tracing.

Project 2
Dealing With It

What you need: pencil; scissors; two sheets of white construction paper; hole puncher; crayons, markers, or colored pencils

What you do: Cut out this pattern and trace it three times on construction paper. Then cut out the tracings and punch a hole in the top and bottom of each shape where shown on the pattern. Next, label each tracing with a different way that doctors treat this disease. If you don't need all three tracings, add illustrations on any extra tracings.

Hint: You can write on the front and the back of each shape if needed.



Autoimmune Disease Mobile

Grades 3-4

Teacher Page

Project: making a mobile that explains and illustrates important information about a selected autoimmune disease

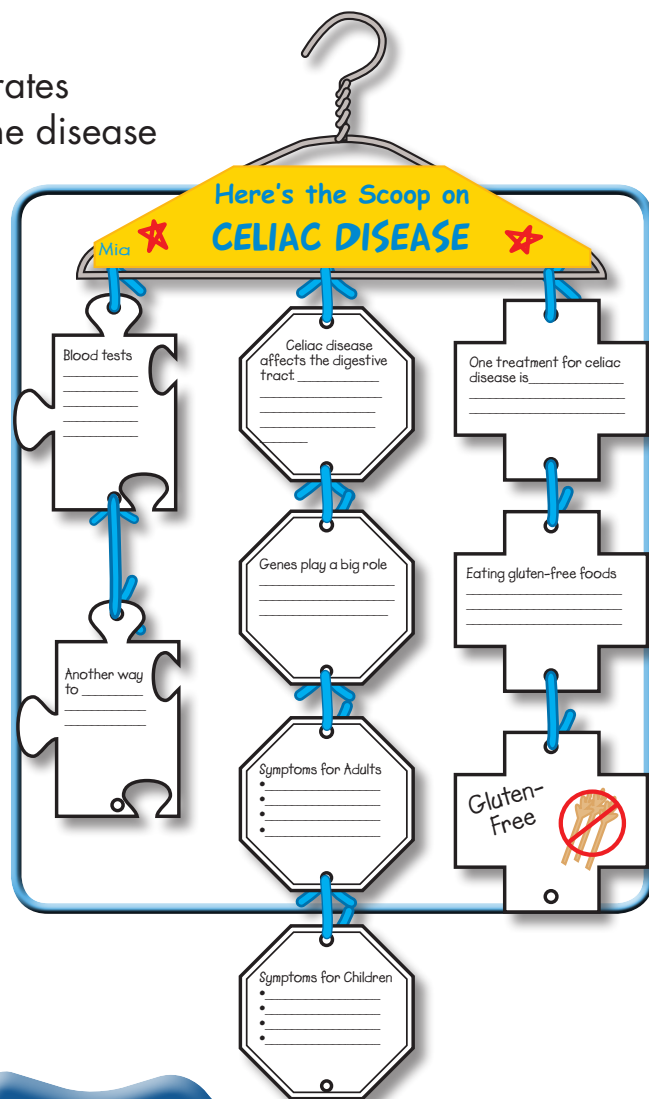
Goals:

- to reinforce important information about one of the most prevalent autoimmune diseases
- to sharpen Common Core research skills (W.3.7; W.4.7)
- to improve informative/explanatory writing skills (W.3.2; W.4.2)

Materials for each student: See the list on page 1.

Introducing the project:











1. Cut apart the strips on page 4 and place them in a paper bag.
2. Distribute student copies of pages 1 and 2. Read over the project directions with students.
3. Explain to students that the strips in the bag are labeled with the 11 autoimmune diseases that occur most often. Have each student draw a slip from the bag and copy the disease listed on it on his copy of page 1. Then have him return the strip to the bag.
4. After students complete their projects, divide the class into groups of four or five students each, making sure that a variety of diseases were studied by each group's members. Provide time for each student to share his mobile with his group.



Did you know that the American Autoimmune Related Disease Association hosts an annual fundraiser called "Linking Together for a Cure"? Learn more at www.autoimmunewalk.org.

Presentation Pointer: To create a hallway display that shares information about autoimmune diseases, have each student trace and cut out a pattern from page 2 and label it with an interesting fact about the disease he researched. Post the cutouts on a hallway bulletin board titled "Autoimmune Diseases: Get the Facts!". For a colorful border, make several copies of the strips on page 4. Have students cut out the strips, glue them to construction paper strips, and then use the strips to make a paper chain to drape around the display.

Topic slips

Celiac disease	
Glomerulonephritis	
Graves' disease	
Hashimoto's thyroiditis	
Multiple sclerosis	
Pernicious anemia	
Rheumatoid arthritis (RA)	
Sjögren's syndrome	
Lupus	
Type 1 diabetes	
Vitiligo	