

People Book

Materials:

- colored pencils
- scissors
- glue sticks
- white construction paper

Skills/Standards:

- understands the nature of scientific knowledge
- researches the three main branches of science—life, earth, and physical sciences
- identifies traits, characteristics, and attributes of different scientific jobs



Purpose

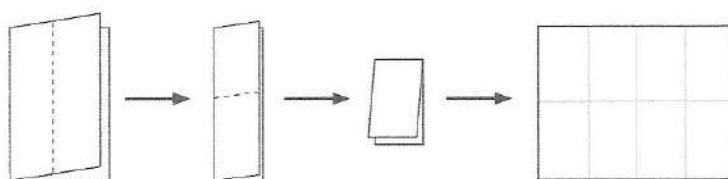
Students will investigate a variety of scientific careers and create a people book that highlights the educational path and job responsibilities of a chosen profession.

Creating the People Book

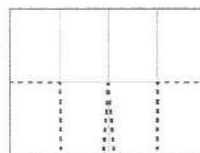
Teacher Tip

Provide an assortment of craft items, such as buttons, feathers, glitter, and dimensional glue, for the students to use when decorating their people books.

1. Give each student a sheet of white construction paper and have them fold it in half horizontally twice and then once vertically. When opened, it will reveal eight panels.



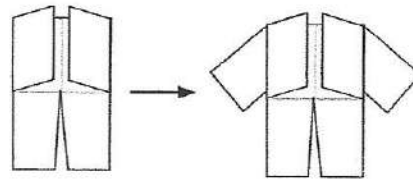
2. Ask students to cut the bottom left and bottom right panels as indicated below and set the scraps aside to use later. Then have students make a slit up the center to create pants.



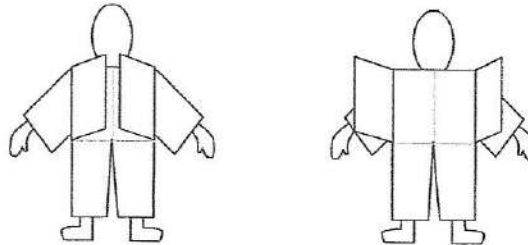
General Science

Students can read biographies and create people books of famous scientists like Jacques Cousteau, Marie Curie, Isaac Newton, Carl Sagan, and Dian Fossey. After students have completed their reports, staple the arms and legs of the people books to a bulletin board. Add a banner that says Wonder Is the Seed of Science.

3. Have students fold in the top left and top right panels. Then ask them to glue the two scraps behind the top two panels to create sleeves.



4. Instruct students to cut a head, hands, and feet from another sheet of paper and add them to the figure.



Earth Science

Every student can create a people book that looks like an astronaut. Inside it, they can write about aspects of space travel, planets, or objects found in space. Add the people books, planets, stars, and a space station to a bulletin board covered in dark blue paper for an out of this world display!

Completing the People Book

1. Have students use colored pencils to draw clothing or a uniform that is characteristic of the scientific field their figure represents.
2. Ask students to use construction paper to create an object to put in the scientist's hand that is relevant to his or her field of work.
3. Inside the two flaps that cover the chest, have students write two detailed paragraphs that describe the educational path and responsibilities of the scientist.
4. Encourage students to prepare an oral report on this scientist to present to the class.

Suggested List of Scientific Fields

anthropologist
archeologist
astronomer
astrophysicist
biochemist
biologist
botanist
chemist
computer scientist

cytologist
ecologist
entomologist
environmentalist
etymologist
gemologist
genealogist
geneticist
geologist

geophysicist
glaciologist
herpetologist
horticulturalist
hydrophysicist
ichthyologist
lepidopterist
limnologist
linguist

meteorologist
microbiologist
minerologist
nanotechnologist
neuroscientist
oceanographer
ornithologist
paleontologist
pharmacologist

physicist
physiologist
psychologist
seismologist
sociologist
toxicologist
virologist
volcanologist
zoologist

Lab Report : People Book: Scientist

Teacher Name: **Ms. Penzinski**

Student Name: _____

CATEGORY	4	3	2	1
Information included	All seven pieces of information included: Name of Scientist; What kind of scientist; date of birth and death; What did they do that was important?; Why was it important? If you had the chance to do it, would you? Why or why not?	Five pieces of information included	Three pieces of information included	One piece of information included
Head, shoes, and hands included	Head, shoes, and hands are attached	Missing one piece of the person	Missing two pieces of the person	No head, shoes, or hands
Something in hand related to scientist	Has something in hand related to scientist; colored	Has something in hand related to scientist; not colored	Has something in hand, not related to scientist and not colored	Has nothing in hand
Appearance	Neatly colored; can tell student took time to complete	Colored, but not neatly. Can tell student did not spend much time to completing	Colored, but only in a few areas. Can tell student did not spend much time completing	Not colored

Date Created: **Sep 07, 2014 04:31 pm (CDT)**