



Pre and post-visit activities for *Body Connections* Field Trip Package

An anatomy lesson for grades 1-4

Learning Goals (for field trip and pre/post-activities)

- Follow and understand the scientific process
- Define “what is a cell?” and describe how cells work together to form living things.
- Identify what organ systems are found within the human body.
- Understand the functions of organs within each body system.
- Students will understand techniques for measuring the functions of organ systems.

Pre-visit Activities

Before bringing students to the Science Center you may want to try some of the following activities in order to activate prior knowledge and prepare them for their field trip. (Grades 1-4) Lessons should be adjusted for grade level.

1. Cells to Systems (1-4 grade)
 - a. Have students watch the following video and fill out the corresponding worksheet:
Bill Nye the Science Guy and Cells Video: <https://vimeo.com/116866613>
Worksheet:
<http://mrgeauvreau.weebly.com/uploads/4/3/0/6/43062807/billnyecellvideo.pdf>

Post-visit Activities

You can extend your visit to the Science Center back in the classroom with the following post-visit activities. (Grades 1-4) Lessons should be adjusted for grade level.

1. Have students draw or build a body system using household craft supplies. Students can present their body system and describe the organs within to their classmates.

Standards Addressed (NGSS)

NGSS 3-LS3-1, 4-LS1-1, 4-LS1-2

Resources

Websites:

- <http://www.e-learningforkids.org/science/lesson/body-parts/>
- <http://www.childrensuniversity.manchester.ac.uk/interactives/science/bodyandmedicine/>
- <http://kidshealth.org/en/kids/htbw/>
- <http://www.dkfindout.com/us/human-body/>



Books:

- DK First Human Body Encyclopedia (Grades 3-4)
- The Magic School Bus Presents: The Human Body By Tom Jackson and Carolyn Bracken (Grades 1-3)
- Discovery Kids: Human Body (Grades 1-4)
- The Magic School Bus: Inside the Human Body By Joanna Cole and Bruce Degan (Grades 1-4)
- See inside your body By Katie Daynes and Colin King (Grades 1-4)