

4th Grade Career Development
Activity #2: Architecture and Construction Careers
Estimated time: 30-45 minutes

National Career Development Guidelines Indicators

ED1 - Attain educational achievement and performance levels needed to reach your personal and career goals

- ED1.K7 - Recognize that your educational achievement and performance can lead to many workplace options
- ED1.K8 - Recognize that the ability to acquire and use information contributes to educational achievement and performance

ED2 - Participate in ongoing, lifelong learning experiences to enhance your ability to function effectively in a diverse and changing economy

- ED2.K3 - Recognize the importance of being an independent learner and taking responsibility for your learning

CM3 - Use accurate, current, and unbiased career information during career planning and management

- CM3.K2 - Recognize that career information includes occupational, education and training, employment, and economic information and that there is a range of career information resources available
- CM3.K4 - Identify several ways to classify occupations

CM4 - Master academic, occupational, and general employability skills in order to obtain, create, maintain, and/or advance your employment

- CM4.K4 - Recognize that many skills are transferable from one occupation to another

Goal:

Students will investigate careers in the **Architecture and Construction** Career Cluster.

Objectives:

- Understand that a career cluster is a grouping of occupations based on commonalities
- Recognize that the **Architecture and Construction** Career Cluster includes careers in designing, planning, managing, building and maintaining environment
- Investigate careers in the **Architecture and Construction** Career Cluster

Materials:

- 4th Grade Career Development Activity #1 handouts – **Architecture and Construction Careers: Planning and Building a House**
- Crayons, markers, or colored pencils
- Scissors
- Glue sticks or tape
- Chalk or whiteboard

Activity:

1. “Today we’re going to learn about some of the occupations in the **Architecture and Construction** Career Cluster. A **career cluster is a grouping of occupations based on things they have in common**, and today we’re looking at careers in the **Architecture and Construction** Career Cluster.”
2. “The **Architecture and Construction** Career Cluster has two areas. Let’s look at the first area: Architecture.” *Write this on the board: **Architecture is concerned with designing and planning the built environment.*** “Let’s think about that for a moment: The built environment. What does that mean?” *Allow students to discuss the question, steer them toward buildings, like their school. Ask, “What other types of things are built?” Allow students to discuss the question. Possible answers: bridges, roads, houses, office buildings, banks, landscapes. Write these on the board.*
3. “Now, let’s look at Construction. What are we talking about when talk about construction work?” *Allow students to discuss the question and add their own suggestions. Ask, “So, what sorts of work might this involve?” Allow students to discuss the question. Help students see the link between reading and math skills and construction work (e.g., using reading skills to read building plans or to use tools; using math skills to determine the amount of materials needed). Have students discuss the types of jobs in construction: plumber, electrician, carpenter, mason, painters, etc.*
4. *Review the two areas of the career cluster with students and the examples under each group. Ensure they understand the concepts. “Now, we are going to do an activity where you get to be both an architect and a construction worker!”*
5. *Distribute the **Architecture and Construction Careers: Planning and Building a House** handouts. Distribute the crayons, markers, or colored pencils; scissors; and glue sticks or tape. Explain the directions. Allow time for students to complete the assignment. Walk around the room and offer assistance to students.*
6. *Once students have completed their assignment, have them share their work. Collect and display their work around the classroom.*

Evaluation:

Students will be evaluated on their participation in the discussion and completion of the assignment.

Handout #1

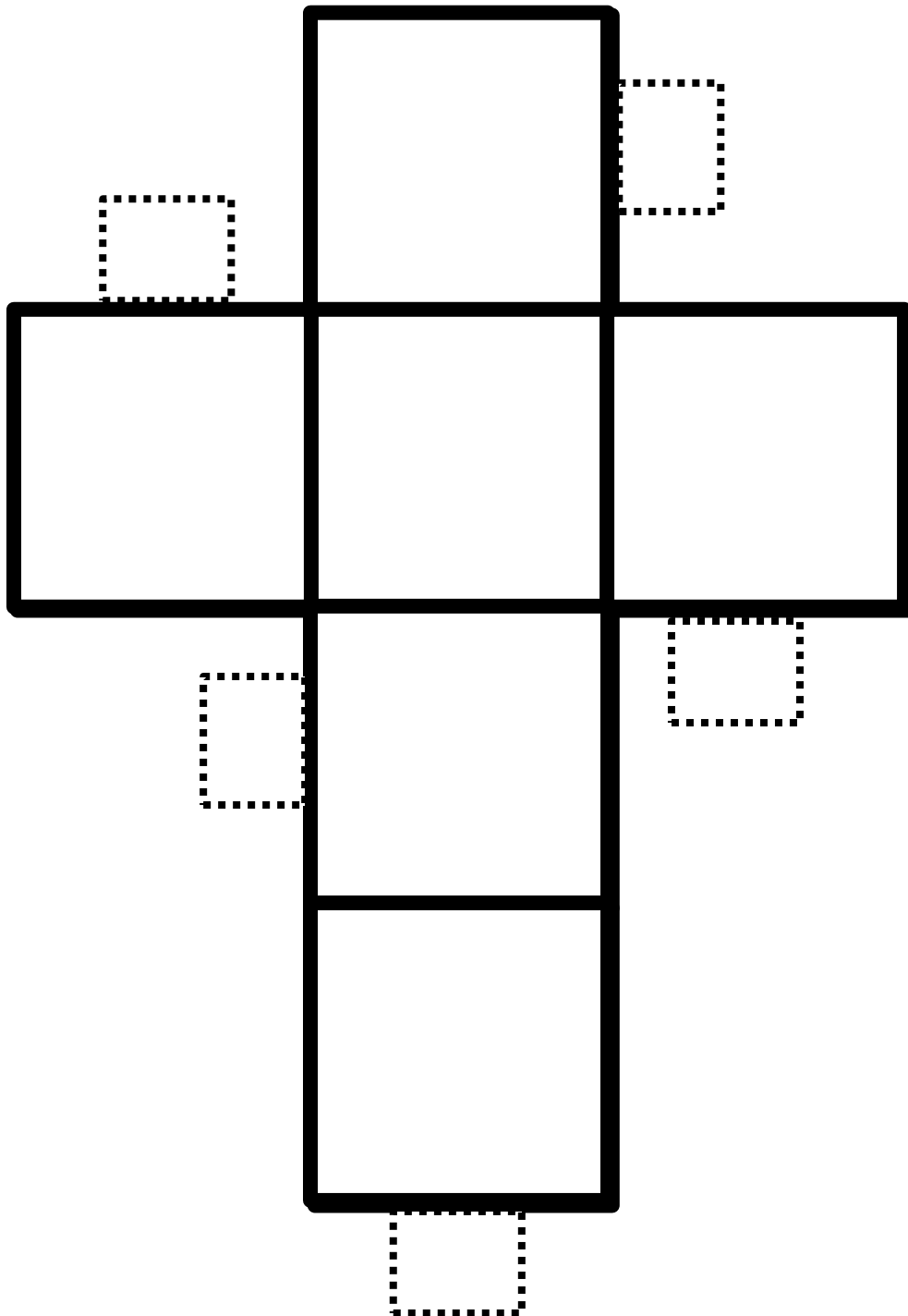
Architecture and Construction Careers: Planning and Building a House 4th Grade Career Development Activity #2

Directions

1. First, decide where to put different features on your house, like doors and windows. Get creative! When you are finished deciding, draw your features where you want them.
2. Now, decide what color(s) you want your foundation and roof to be. When you are finished deciding, color the foundation and roof.
3. Cut out your foundation and roof. Make sure you don't cut the tabs!
4. Fold all the sides and tabs on each part of your house. Then, put tape or glue on a tab. Now, attach the tab behind the side of the shape next to it. Repeat until you have attached all the tabs on both the foundation shape and the roof shape.
5. When you finished putting together the foundation and the roof, glue or tape them together. You have now successfully constructed a house!

Foundation

Architecture and Construction Careers: Planning and Building a House
4th Grade Career Development Activity #2



Roof

Architecture and Construction Careers: Planning and Building a House
4th Grade Career Development Activity #2

