What you learn today will help you tomorrow!

Reading and math are important skills to have. Architects and construction workers need to be able to plan, read and follow directions. They also need to know how to make estimates on how much material they will need and how much it will cost.

<table>
<thead>
<tr>
<th>Materials Needed</th>
<th>Unit Price</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 sheets plywood</td>
<td>$9.95 each</td>
<td></td>
</tr>
<tr>
<td>1 box roofing shingles</td>
<td>$12.45</td>
<td></td>
</tr>
<tr>
<td>1 box roofing nails</td>
<td>$1.89</td>
<td></td>
</tr>
<tr>
<td>1 box small nails</td>
<td>$1.49</td>
<td></td>
</tr>
<tr>
<td>2 8 foot boards</td>
<td>$0.89 each</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$</strong></td>
<td><strong>$</strong></td>
</tr>
</tbody>
</table>

1. What is the total cost of materials to build the doghouse?

2. Rounding to the nearest 50 cents, what is the estimated cost of materials to build the doghouse?

3. What school subjects would help you build a doghouse? Why?

4. If there was a 15\% increase in prices, how much would each material cost? What would the new total be?

Adapted from *Elementary Career Awareness Guide* by North Carolina SOICC
Careers in the Education & Training cluster help people learn new knowledge and get new skills. People in these occupations may work in libraries, schools or recreation centers. They may help plan or manage activities in a learning environment. You can be a teacher, counselor, librarian or a coach and be in this career cluster.

Sample Careers

1. School Teacher
2. School Principal
3. Coach
4. Librarian
5. ____________________
   Can you think of another?
MATCHING

1. Draw a line connecting the name of a career with a tool that person might use.

<table>
<thead>
<tr>
<th>CAREER</th>
<th>TOOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountant</td>
<td>Measuring Cup</td>
</tr>
<tr>
<td>Nurse</td>
<td>Axe</td>
</tr>
<tr>
<td>Firefighter</td>
<td>Calculator</td>
</tr>
<tr>
<td>Chef</td>
<td>Telescope</td>
</tr>
<tr>
<td>Electrician</td>
<td>Insulated Gloves</td>
</tr>
<tr>
<td>Astronomer</td>
<td>Stethoscope</td>
</tr>
</tbody>
</table>

2. What tools might be used in these careers? Draw a picture of the tools.

<table>
<thead>
<tr>
<th>REPORTER</th>
<th>CARPENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELEMENTARY SCHOOL TEACHER</td>
<td>DOCTOR</td>
</tr>
</tbody>
</table>
Careers in the Finance cluster work with money. They help people and businesses account for money they spend or invest. People in these occupations use lots of math when they work. They may work in banks, insurance and tax offices or in most any business. You can be a budget analyst, cashier, insurance agent or loan officer and be in this career cluster.

Sample Careers

1. Credit Analyst
2. Accountant
3. Bank Teller
4. Insurance Adjuster
5. [Blank]

Can you think of another?
Write the answer to each word puzzle in the spaces below. When all the blanks have been filled in, use the circled letters to complete the secret message at the bottom of the page.

1. Occupations are sometimes called this.  [ ] [ ] [ ] [ ] [ ]

2. After high school you can go here to learn more in school.  [ ] [ ] [ ] [ ] [ ]

3. This career cluster has teachers and librarians in it.  [ ] [ ] [ ] [ ] [ ] &  [ ] [ ] [ ] [ ] [ ] [ ] [ ]

4. Workers who do not get paid are called this.  [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

5. You need this to make good decisions.  [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

6. When you pick one thing instead of something else.  [ ] [ ] [ ] [ ] [ ]

7. Computers, cell phones and the Internet are examples of modern  [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

8. This career cluster has bookkeepers and tax collectors in it.  [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Use this list to find the correct words to fit in the blanks.

TRANSPORTATION  COLLEGE  FINANCE
EDUCATION  VOLUNTEERS  CHOICE
TECHNOLOGY  TRAINING  SCIENCE
MANUFACTURING  CAREERS  INFORMATION

SECRET MESSAGE

[ ] [ ] [ ] [ ] [ ] the [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

[ ] [ ] [ ] [ ] [ ] to receive free information about careers and colleges.

1-800-822-PLAN
Careers in the Health Science cluster help people stay healthy or take care of people who are sick. People in these occupations might specialize on different parts of your body like your teeth, feet, eyes, back or even your brain. They may work in hospitals, laboratories, pharmacies, dentist offices or schools. You can be a psychiatrist, optician, pharmacist, nurse or chiropractor and be in this career cluster.

Sample Careers
1. Nurse
2. Pharmacist
3. Surgeon
4. Dentist
5. [Can you think of another?]

Careers in the Health Science cluster help people stay healthy or take care of people who are sick. People in these occupations might specialize on different parts of your body like your teeth, feet, eyes, back or even your brain. They may work in hospitals, laboratories, pharmacies, dentist offices or schools. You can be a psychiatrist, optician, pharmacist, nurse or chiropractor and be in this career cluster.
CHOOSE AN OCCUPATION

1. Choose an occupation and write it down here:

2. What kind of skills do you think a person would need for this occupation?

3. What kind of tools do you think this person would use?

4. What do you think a typical day on the job might be like for this person?

5. How is their day on the job similar to your day at school?

6. What kind of education do you think a person would need for this occupation?
Careers in the Hospitality & Tourism cluster help people have a safe and good time when they are traveling or visiting new places. People in these occupations can work with food, sports, or amusement rides. They may work in restaurants, hotels or amusement parks. You can be a baker, flight attendant, travel agent or hotel manager and be in this career cluster.

Sample Careers

1. Hotel Manager
2. Chef
3. Amusement Park Operator
4. Recreation Worker
5. 

Can you think of another?
Unscramble the list of people’s names to find out their profession. The first one is done for you.

<table>
<thead>
<tr>
<th>Name</th>
<th>Profession</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anna C. Coutt</td>
<td>accountant</td>
</tr>
<tr>
<td>Ray Creets</td>
<td></td>
</tr>
<tr>
<td>Tim Niser</td>
<td></td>
</tr>
<tr>
<td>Roy Tenat</td>
<td></td>
</tr>
<tr>
<td>Art Rein</td>
<td></td>
</tr>
<tr>
<td>Chet Incani</td>
<td></td>
</tr>
<tr>
<td>Leon Roucs</td>
<td></td>
</tr>
<tr>
<td>Nat Joir</td>
<td></td>
</tr>
<tr>
<td>Sami C. Thin</td>
<td></td>
</tr>
<tr>
<td>Regie Nen</td>
<td></td>
</tr>
<tr>
<td>Lela A. Prag</td>
<td></td>
</tr>
<tr>
<td>Vic E. Teedt</td>
<td></td>
</tr>
<tr>
<td>Bee W. Smart</td>
<td></td>
</tr>
</tbody>
</table>

Words To Choose From:

- Minister
- Teacher
- Machinist
- Attorney
- Engineer
- Detective
- Technician
- Janitor
- Secretary
- Counselor
- Trainer
- Webmaster
- Paralegal

Adapted from the Iowa Workforce Development’s Building Career Awareness In The Elementary Classroom.
Careers in the Human Services cluster prepare people to help families and communities. People in these occupations work closely with others helping them with childcare, family counseling or investigations. They may work in funeral homes, preschools or counseling offices. You can be a minister, counselor, nursing aide or massage therapist and be in this career cluster.

Sample Careers
1. Funeral Director
2. Child Care Worker
3. Social Worker
4. Residential Counselor
5. Can you think of another?