

# Career Research

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

This section focuses on gathering information on a specific job that is of interest to you.

## Career Analysis

1. What is the difference between a salary wage and an hourly wage?

2. Which career or job could you see yourself in? What is the yearly salary/wage associated with this job? (use the internet to research this data)

3. Is this enough to live off of? Let's do some calculations to see....

a) Taxes for a single person usually take approximately 30% of your paycheck. After taxes, how much would you make? (Multiply 30% by the yearly income and subtract that amount) How much would you make each month? Show work below.

<b>Yearly Wage after taxes</b>		<b>Monthly Wage after taxes</b>	
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b) Review the table below that estimates the costs for a single person and add in other optional costs (these are just estimates and can vary depending on where you live, type of car you want to drive, etc.):

Monthly Expenses	Cost
Rent	1000.00
Utilities (Gas, Electric, Trash, etc.)	50.00
Food	250.00
<b>Optional Costs (add these in if you want)</b>	
<u>Do you want a car? Add this amount to the right:</u>	
Car Payment... 200.00    Car insurance... 150    Gas/Repairs... 100	
Or... Public Transportation...60.00	
<u>Do you want cable/internet/phone?</u>	
Cable...60.00                      Internet ... 40                      Phone ... 50	
<u>Do you want to go out?</u>	
Once a week plus miscellaneous...50.00	
Twice a week plus miscellaneous... 100.00	
Three times a week plus miscellaneous... 150.00	
Additional costs: clothing, gifts, electronics, beauty products, etc.	
<b>TOTAL MONTHLY COSTS (add the amounts)</b>	

## Career Analysis Continued

c) Now see if you can afford all your monthly expenses!

(a) <b>Monthly Wage (after taxes)</b>	(b) <b>Monthly Expenses</b>	(c) <b>How much do I have left?</b>
-	=	

d) Will your job pay for all your expenses? Are you able to afford all your expenses with the job you chose? Will you have any money left over to save?

e) Do you still want to choose this job/career or would you like to switch to another job/career? Explain your reasoning.

## Making a Data Table

Overview: Now that we've researched and answered questions to help us think critically about what type of job or career we're choosing, answer the following questions and fill out the data table below.

- After answering all the questions above, what career or job are you choosing? Fill out the table below:

Name of Job/ Career	Yearly Income Before taxes	Yearly Income after Taxes & Expenses

- Use the information from the table above to fill out the table below. We will then use the data in this table to make our graph on the next page!

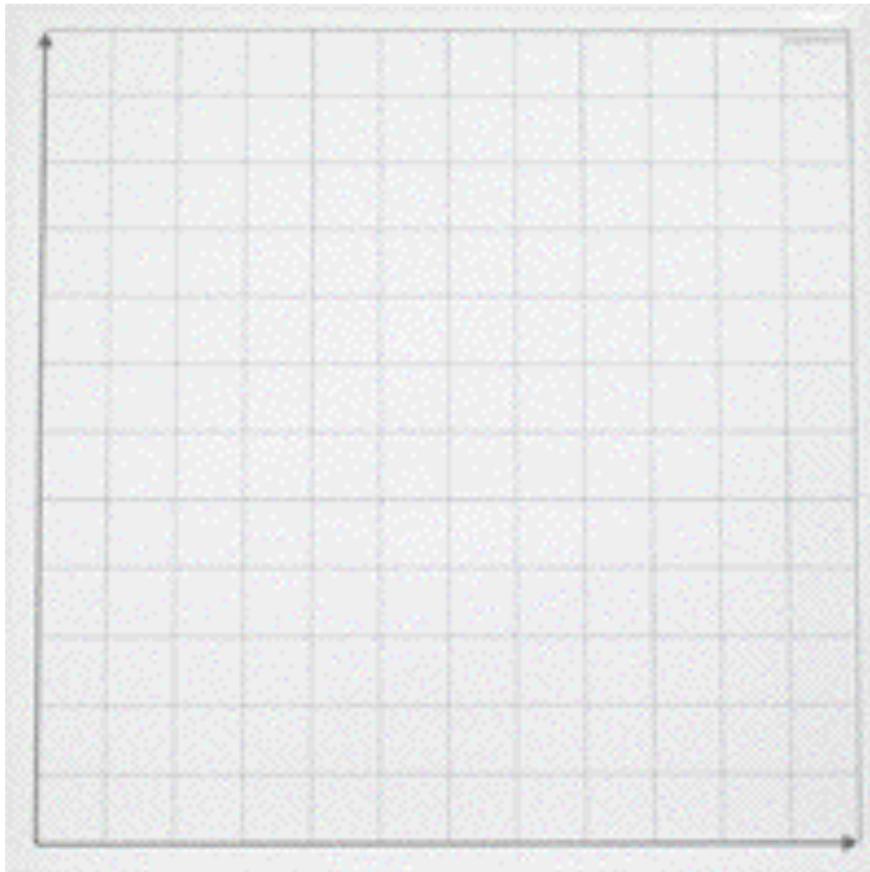
Years	Yearly Income	Yearly Income after Taxes & Expenses
1		
2		
3		
4		
5		
6		

# Creating the Graph

X-AXIS LABEL	X-AXIS SCALE	Y-AXIS LABEL	Y-AXIS SCALE

## **Graph: COMPARING YEARLY INCOME BEFORE AND AFTER TAXES**

Y-Axis Title: \_\_\_\_\_



X-Axis Title: \_\_\_\_\_

## **WRITING YOUR EQUATION FOR THE GRAPH OF INCOME AFTER TAXES**

Answer the Question:	Explain what this means:	What is the equation of the line in $y=mx+b$ form?
What is the y-intercept?		
What is the slope?		

## Interpreting the Graph

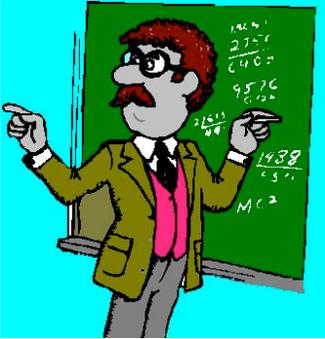
4. If you wanted to retire with \$100,000 in savings, how many years would you have to work? If you wanted to retire with \$200,000? Could you retire with \$500,000? \$1,000,000? When? Show work on additional paper if necessary.

COMPLETE THESE CLOZE SENTENCES:

- 1) If I want to retire with \$100,000 savings I will need to work for \_\_\_\_\_ years? I know this because \_\_\_\_\_.
- 2) If I want to retire with \$200,000 savings I will need to work for \_\_\_\_\_ years? I know this because \_\_\_\_\_.
- 3) If I want to retire with \$200,000 savings I will need to work for \_\_\_\_\_ years? I know this because \_\_\_\_\_.

# Yearly Salary Profiles

Instructions: Read through the following Salaried Job Descriptions and highlight any useful information.

Job Title and Salary	Description	Expectations and Requirements
<p style="text-align: center;"><b>Teacher</b></p>  <p style="text-align: center;"><b>Salary: Approximately \$50,000</b></p>	<p>A classroom teacher has a range of responsibilities, the most important including being able to manage a classroom and teach material in a comprehensible and engaging way. Teachers range from teaching multiple subjects in an elementary classroom, or single subjects in a middle or high school classroom. Salary varies depending on location, district, educational attainment, and years teaching experience.</p>	<ul style="list-style-type: none"> <li>— 7:30am – 4:00pm</li> <li>— Daily Lesson Plans</li> <li>— Yearly Plan</li> <li>— Managing a classroom</li> <li>— Parent contact/meetings</li> <li>— Showing student growth and achievement</li> <li>— Maintains professional standards</li> <li>— Collaborates with coworkers</li> <li>— Bachelor’s degree (or higher)</li> <li>— Teaching certificate in subject area</li> </ul>
<p style="text-align: center;"><b>Bank President</b></p>  <p style="text-align: center;"><b>Salary: Approximately \$90,000</b></p>	<p>Plans, develops, and directs financial policies and practices of the bank to ensure that financial objectives, goals, and institutional growth are met and in accordance with policies of board of directors or corporate charter and government regulations: plans and develops investment, loan, interest, and reserve policies to ensure optimum monetary returns in accordance with availability of investment funds, government restrictions, and sound financial practices.</p>	<ul style="list-style-type: none"> <li>— Long hours</li> <li>— Masters Degree (or higher)</li> <li>— Years of experience in banking</li> <li>— Strong leadership skills</li> <li>— Strong communication skills</li> <li>— Strong organizational skills</li> </ul>

Job Title and Salary	Description	Expectations and Requirements
<p data-bbox="142 174 474 212"><b><u>Sports Medicine Doctor</u></b></p>  <p data-bbox="142 575 474 613"><b>Salary: Average \$50,000</b></p>	<p data-bbox="537 174 1058 678">Sports medicine doctors are qualified doctors who specialize in <a href="#">sports injuries</a> and the health of the athlete. Injuries can ruin a large part of the season for an athlete. The sports medicine doctor is responsible for helping heal the injury and getting the athlete back on the field as soon as possible. Overall, Sports Medicine salaries are based on years of experience, location, the type of facility and specialty. See website for more information: <a href="http://www.healthcare-trainingcenter.com/jobs-sports-medicine.asp">http://www.healthcare-trainingcenter.com/jobs-sports-medicine.asp</a></p>	<ul style="list-style-type: none"> <li data-bbox="1089 174 1555 279">= Hours depend on type of sports medicine doctor, but expect long hours</li> <li data-bbox="1089 285 1555 323">= Doctorate degree expected</li> <li data-bbox="1089 329 1555 392">= Certificates in specific area may apply</li> <li data-bbox="1089 399 1555 436">= Strong communication skills</li> </ul>
<p data-bbox="256 686 362 724"><b><u>Lawyer</u></b></p>  <p data-bbox="142 1001 474 1039"><b>Salary: Average \$90,000</b></p>	<p data-bbox="537 686 1058 1081">Lawyers serve as both advocates and advisers. As advocates, they speak for their clients in court by presenting supportive evidence. As advisers, they counsel their clients on their legal rights and obligations. Lawyers—also called attorneys and counselors—can interpret laws, apply laws to specific situations, and draft new laws. Read more at: <a href="http://careers.stateuniversity.com/pages/721/Lawyer.html">http://careers.stateuniversity.com/pages/721/Lawyer.html</a></p>	<ul style="list-style-type: none"> <li data-bbox="1089 686 1284 724">= Long hours</li> <li data-bbox="1089 730 1390 768">= A lot of paperwork!</li> <li data-bbox="1089 774 1539 812">= Advanced degree (JD) required</li> <li data-bbox="1089 819 1333 856">= Much research!</li> <li data-bbox="1089 863 1414 900">= Public speaking skills</li> </ul>

# Hourly Employees

Instructions: Read through the list below and highlight any jobs that seem interesting.

## Typical Hourly Wage

These are the typical hourly rates for various professions in this region. Wages that are below the living wage for one adult supporting one child are marked in **bold, italics and 13 pt font**.

Occupational Area	Typical Hourly Wage
Architecture & Engineering	\$31.52
Arts, Design, Entertainment, Sports, & Media	\$21.70
<b><i>Building &amp; Grounds Cleaning &amp; Maintenance</i></b>	<b><i>\$9.56</i></b>
Business & Financial	\$25.43
<b><i>Community &amp; Social Services</i></b>	<b><i>\$18.74</i></b>
Computer & Mathematical	\$33.48
Construction & Extraction	\$19.82
Education, Training, & Library	\$21.64
<b><i>Farming, Fishing, &amp; Forestry</i></b>	<b><i>\$7.48</i></b>
<b><i>Food Preparation &amp; Service-Related</i></b>	<b><i>\$7.81</i></b>
Healthcare Practitioners & Technical	\$26.32
<b><i>Healthcare Support</i></b>	<b><i>\$12.03</i></b>
<b><i>Installation, Maintenance, &amp; Repair</i></b>	<b><i>\$18.46</i></b>
Legal	\$39.20
Life, Physical, & Social Science	\$26.37
Management	\$39.69
<b><i>Office &amp; Administrative Support</i></b>	<b><i>\$14.51</i></b>
<b><i>Personal Care &amp; Service</i></b>	<b><i>\$9.46</i></b>
<b><i>Production</i></b>	<b><i>\$11.34</i></b>
<b><i>Protective Service</i></b>	<b><i>\$15.02</i></b>
<b><i>Sales &amp; Related</i></b>	<b><i>\$11.69</i></b>
<b><i>Transportation &amp; Material Moving</i></b>	<b><i>\$11.41</i></b>

The [Living Wage Calculator](#), [Community Economic Toolbox](#), and [Poverty in America website](#) were developed by [Dr. Amy K. Glasmeier](#) and implemented by [West Arête Computing](#), a company that specializes in creating database based web applications.

<http://www.livingwage.geog.psu.edu/results.php?location=5363>