

# Let's Get Ready to FORECAST!

Preparing for 2018-2019 at SHS



# Before We Begin



- Monday, March 5th: career exploration activity, forecasting process and deadline review
- Tuesday, March 6th: forecasting lesson #2
- Wednesday, March 7th: forecasting lesson #3
- Tuesday, March 14th: completed forecasting sheets (WITH PARENT/GUARDIAN SIGNATURE) due in AG, regular AG activity

# Teams

- AG Teacher: Divide your class into small groups.
- AG Students: begin thinking about what you know about the world of careers and how it may apply to your life at SHS.
- As an AG determine
  - A 'ring in' system
  - A scorekeeper
  - A spokesperson for each group



# The Rules

1. First team with the right answer gets the points.
2. Get the most points by the end of the game.
3. Read the question, teams select answers & note the order of answer time (fastest to slowest).
4. Go to the next slide and determine the winner.
5. Don't cheat.



# Practice Question

## 2 (fake) points

Identify the city and state of the building pictured on the next slide.



# Answer:

- Silverton, Oregon.

# Ready?

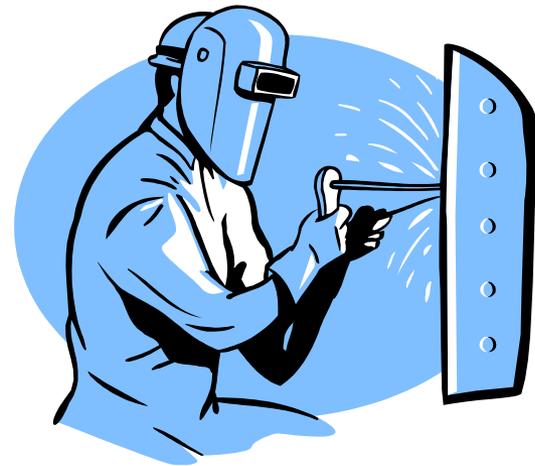


# Are You Sure?



# Question 1: 5 points

- In Portland, the metals manufacturing industry employs approximately how many workers?
  - a. 175
  - b. 450
  - c. 600
  - d. 1050



# Answer: 5 points

- a. 175
- b. 450
- c. 600**
- d. 1050

Since 2010, the Oregon manufacturing industry has grown rapidly at 20 percent, this is 6 percent higher than the national average.

Source:

<http://www.qualityinfo.org/>

## Question 2: 5 points

- Jobs in Oregon's Radio and TV Broadcasting sector are projected to decrease by how many jobs per year?

- a. 23
- b. 46
- c. 92
- d. 184



# Answer: 5 points

**a. 23**

b. 46

c. 92

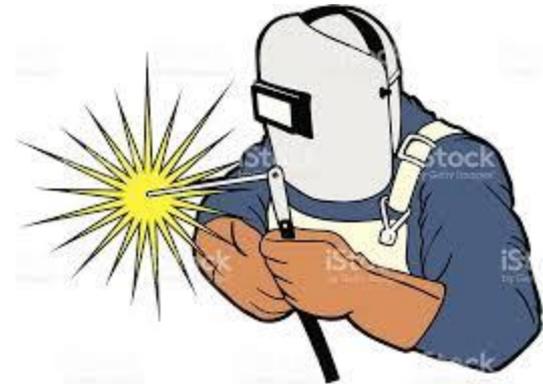
d. 184

To have the best chances at finding a job in this area, students interested in pursuing careers in this area should focus on both gaining technical skills and an Associate's or Bachelor's degree.

Source: <http://www.qualityinfo.org>

# Question 3: 5 points

- Many careers offer on-the-job training. These “apprenticeship” programs pay you while you learn the trade. Which apprenticeship program has the highest median hourly wage in Oregon?
  - a. Carpenter
  - b. Industrial Machine Mechanic
  - c. Electrician
  - d. Welder
  - e. Plumber/Steamfitter



## Question 3: 5 points

- a. Carpenter (\$21.77/hr)
- b. Indust. Machine Mechanics (\$26.04)
- c. Electricians (\$32.96)
- d. Welder (\$20.76/hr)
- e. Plumbers/Steamfitter** (\$36.44/hr)

Source: <http://www.qualityinfo.org>

## Question #4: 5 points

- Which of the following careers has the fastest growing demand for employees who speak a language other than English?
  - a. customer service rep
  - b. teacher
  - c. flight attendant
  - d. accountant
  - e. nurse



# Answer: 5 points

- a. customer service rep
- b. teacher
- c. flight attendant
- d. accountant
- e. nurse**

While Spanish is the language in highest demand, there is also a significant need for nurses who speak Russian, German, Vietnamese, and Chinese.

Source: <http://www.qualityinfo.org/>

# Question 5: 5 points

- NOTE: if the team with the lowest amount of points gets this question correct, they switch scores with the team who has the highest amount of points.

Green jobs are defined by the Bureau of Labor and Statistics as *workers or businesses that produce goods or provide services that benefit the environment or conserve natural resources.*

Which of the following career areas has the highest growing job market for 'green collar workers'?

- a. Manufacturing
- b. Construction
- c. Transportation
- d. Health Services



# Answer: 5 points

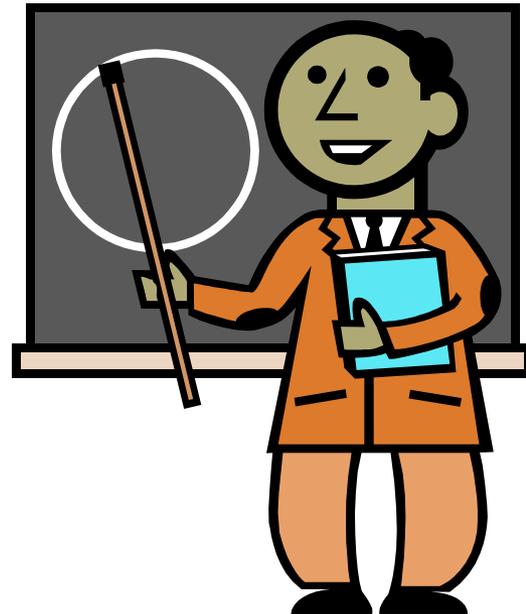
- a. Manufacturing (3.6 percent)
- b. Construction** (38.1 percent)
- c. Transportation (2.3 percent)
- d. Health Services (1.2 percent)

As a national statistic, this means that 820,700 of the 2.1 million 'green' industry establishments are related to construction.

Source: <http://www.bls.gov>

# Question 6: 5 points

- In the next four years, which of the following subject areas will Oregon need the most teachers in?
  - a. Social Studies
  - b. PE/Health
  - c. English
  - d. Math
  - e. Special Education



# Answer: 5 points

- Trick Question: there were TWO right answers. Two teams have the potential to get 5 points each.
  - a. Social Studies
  - b. PE/Health
  - c. English
  - d. Math**
  - e. Special Education**

Source: Oregon Department of Education, 2014

# Question 7: ? points

- AG teacher decides how many points this question is.
  - Note: may want to review definition of median.
- Which industry has the highest number of vacancies and lack of applicants in Oregon?
  - a. Construction
  - b. Natural Resources
  - c. Retail
  - d. Health Care & Social Services



# Answer: ? points

- a. Construction (2272 vacancies)
- b. Natural Resources (1738 vacancies)
- c. Retail (814 vacancies)
- d. Health Care & Social Services** (2613 vacancies)

Source: [Qualityinfo.org](http://Qualityinfo.org)

# Question 8: 10 points

- Which of the following Industries has the highest average salary in Oregon?
  - a. Semiconductor and Electronic Components**
  - b. Utilities**
  - c. Software and Computer Systems Design**
  - d. Securities, Commodities, & Other Financial Investments**



# Answer: 10 points

**a. Semiconductor and Electronic Components (\$142,020 /yr)**

b. Utilities (\$87,456/yr)

c. Software and Computer Systems Design (\$103,445/yr)

d. Securities, Commodities, & Other Financial Investments  
(\$124,033/yr)

Source: [qualityinfo.org](http://qualityinfo.org)

# Question 9: 10 points

- Be Your Own Boss: which of the following is **NOT** on the “Top 7 List of Most Important Characteristics for a Small Business Owner?”
  - a. Manages time well.
  - b. Gets along well with others.
  - c. Communicates effectively.
  - d. Creative and innovative.



# Answer: 10 points

- a. Manages time well.
- b. Gets along well with others.
- c. Communicates effectively.
- d. Creative and innovative.**

Owning your own business is much more than 'having a big idea', a business owner has to be able to take initiative and not be afraid of hard work.

Source: OLMIS

# Question 10: 15 points

- Health care is the fastest growing career field in the U.S., which sub-category is leading the growth?
  - a. Dental hygienist
  - b. Substance abuse counselor
  - c. Physical therapist
  - d. Home health aide
  - e. Medical secretary



# Answer: 15 points

- a. Dental hygienist (+ 33%)
- b. Substance abuse counselor (+ 31.4%)
- c. Physical therapist (+ 36%)
- d. Home health aide** (+ 48.5%)
- e. Medical secretary (+ 36%)

However, home health aides are also the lowest paid health care employees averaging \$20,000/yr.

Source: U.S. Bureau of Labor

# Wrap It Up



- How could you use this information to make sure you have a ‘winning’ career?
- What was something that surprised you?
- What is a career that you may find interesting now, but hadn’t thought of before?
- Getting ready for next steps: think about what class(es) you could take at SHS to help get you ready for your next steps.

# Remember

- Monday, March 05: career awareness activity, forecasting process and deadline review
- Tuesday, March 06: curriculum guide exploration and forecasting vocabulary, begin working on forecasting sheet
- Wednesday, March 07: complete forecasting sheets, get pre-req signatures
- Wednesday, March 14: completed forecasting sheets (WITH PARENT/GUARDIAN SIGNATURE) due in AG, regular AG activity