

# Workplace Readiness Skills for the Commonwealth Grades 9 – 10 School

## Professional Knowledge and Skills

16. **Mathematics:** Uses mathematical reasoning to accomplish tasks

**Objective:** Student will use mathematical reasoning for food preparation activities.

**Activities:**

1. Student will measure portions and follow recipes.
2. Students will determine what ingredients are needed and if there is money available to purchase ingredients.

**Objective:** Student will be able to calculate gross yearly salary, weekly salary or hourly salary.

**Activities:**

1. Select 15 to 20 different jobs that you think may appeal to your students, and collect salary data on each. Type the name of each job along with the salary either in yearly, weekly or hourly form. Alternate between the salary forms (yearly, weekly and hourly) to force students to convert these figures. Print the careers and corresponding salaries on cardstock, placing a different one on each sheet. Select five or six students to complete the challenge. Ask them to order the jobs from highest to lowest paying, completing salary conversions as necessary.

**Objective:** Student will learn how to make calculations related to personal finance.

**Activities:**

1. Use lessons to [link mathematics and communication.](#)

<http://slincs.coe.utk.edu/gtelab/find.html#usemath>

2. Use this to help students prepare a budget.

[http://www.cteresource.org/attachments/atb/aai/providing\\_input\\_teacher\\_notes.pdf](http://www.cteresource.org/attachments/atb/aai/providing_input_teacher_notes.pdf)

3. Have [students demonstrate use of payroll forms, deductions, and the method for calculating gross and net pay.](#)

[http://www.cteresource.org/attachments/atb/wrsc/calculate\\_payroll.pdf](http://www.cteresource.org/attachments/atb/wrsc/calculate_payroll.pdf)