

***Using the Twitter Timeline to Format a Mathematics Performance Task:
"Payroll Manager"***

Note: The following performance task template and sample teacher tweets are offered as a "Work in Progress" to explore how mathematics might be integrated into the Twitter timeline. We recognize that additional tweets will be necessary when the task is activated and students respond. Please adjust the teacher tweets to meet the differentiated needs of your students prior to and as this task is taught through online or blended online and classroom settings. *Copy and paste your customized tweets into the Twitter timeline as instruction evolves with your students.*

Teacher Tweet 1: Setting

What are you doing?

Today you'll experience the role of a payroll manager who must calculate wages to stay within a business budget

Teacher Tweet 2: Setting

What are you doing?

You will use wage data to plan a payroll and keep a business operating

Teacher Tweet 3: Setting

What are you doing?

You are a payroll manager of a local record shop that has part-time and full-time positions

Teacher Tweet 4: Sharing

What are you doing?

You will work in small groups and write a description of key vocabulary words and discuss how they are related

Teacher Tweet 5: Sharing

What are you doing?

Make a chart of the following vocabulary words: payroll, wage, manager, cashier, stock person, and sales person

Teacher Tweet 6: Analyzing and Classifying

What are you doing?

You are the payroll manager of "The iMusic Shop"

Teacher Tweet 7: Analyzing and Classifying

What are you doing?

Think about the jobs needed to run a music shop. Create a list

Teacher Tweet 8: Analyzing and Classifying

What are you doing?

Using these data [Tiny URL], determine the job that corresponds to each person's wage

URL Content

November Wage Data Base		
Name	Hourly	Hours Worked Per Week
1. Judy	\$4.65	12
2. Wayne	\$5.95	40
3. Ann	\$6.25	40
4. George	\$14.80	40
5. Gary	\$5.50	35
6. Bill	\$8.25	25
7. Tom	\$10.05	35
8. Dave	\$5.25	20

Teacher Tweet 9: Analyzing and Classifying

What are you doing?

Using the wage database, categorize each person listed as full or part-time and match an hourly wage with a job described previously [Tiny URL]

URL Content

Full Time		
Name	Wage	Job
1.	—	—
2.	—	—
3.	—	—
4.	—	—

Part Time		
Name	Wage	Job
1.	—	—
2.	—	—
3.	—	—
4.	—	—

Teacher Tweet 10: Calculating

What are you doing?

As payroll manager, find the total amount of money needed to pay all the employees for one month (4 weeks) using the November Wage Database

Teacher Tweet 11: Comparing**What are you doing?**

The store manager tells you the amount for December's payroll is \$9,800.

Teacher Tweet 12: Comparing**What are you doing?**

Determine if you have enough money to pay all the wages as you did in November.
Explain your answer

Teacher Tweet 13: Calculating and Comparing**What are you doing?**

Look at the December Wage Database – decide what is different and why? [Tiny URL]

URL Content

December Wage Data Base		
Name	Hourly	Hours Worked Per Week
1. Judy	\$4.65	20
2. Wayne	\$5.95	45
3. Ann	\$6.25	42
4. George	\$14.80	46
5. Gary	\$5.50	41
6. Bill	\$8.25	30
7. Tom	\$10.05	42
8. Dave	\$5.25	25

Teacher Tweet 14: Calculating and Comparing**What are you doing?**

As payroll manager, you now have to calculate the new payroll, remembering the employees working overtime are paid time and a half

Teacher Tweet 15: Updating**What are you doing?**

Note: Overtime is more than 40 hours a week

Teacher Tweet 16: Comparing**What are you doing?**

How does it compare to the December budget?

Teacher Tweet 17: Comparing

What are you doing?

Explain how the annual sales cycle changes and what influences it

Teacher Tweet 18: Tying it all together

What are you doing?

Thanks for helping to solve this task! I liked the way...We need to improve...Our next task is...

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