**Day of Champions!**

Science

**First a quick review:**

1. List ten things you know about water
2. What is the formula for density?
3. If a metal bar weighs 236 grams and measures 10 cms X 23 cms X 29 cms what is its density?
4. Why do heavy logs float?
5. If a liquid has a PH of 3 what would you say about it?

**New ideas**

Why do we explore space?

What is an atom?

What is between atoms?

Science is about measurement. Can we measure everything? Is there anything we cannot measure?

**Back to review**

List the 9 steps in a science lab experiment

**Final**

Write a 200-word letter to our government about our environment – give them suggestions about how they can improve our world. Remember, it is a letter so format it like a letter.

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**Art**

1- Go out side and find some colourful leaves. Bring them in and put them in-between wax paper

 and then in a book under weights. We will be doing art with them next week.

2- Write a poem about the fall on a piece of art paper – remember, this is art class so be

 artistic.

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**Math**

1. Fractions

1/3 – 1/9 = 2/5 \* 4/7 = 2/8 – 1/8 =

1. Find the mean, median and mode for the following stats about the number of cigarettes people smoke in a day:

5, 6, 8, 9, 4, 2, 1,4, 7, 10, 21, 3, 5

Make a statement about cigarette smokers based on the data

1. Interpret the following graphs:







Make a pie chart, graph or bar chart about how you spend day (school, sleep, food, friends. . .)

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**Project**

Make up 10 questions to ask someone in the school (write them out)

Ask the questions to the person and write down their answers.

Write a 200 word descriptive essay about the person. Don’t include his name. We will read them and try to figure out who the person is from your details.