



**Weekly Sheet for 2<sup>nd</sup> Grade STEM**  
**Crystal Dixon and Keith Dixon**

[cdixon@parksideca.org](mailto:cdixon@parksideca.org) and [kdixon@parksideca.org](mailto:kdixon@parksideca.org)

**Week #22, 01/30/12 – 02/03/12**

**Topics/Content/Skills:**

Topic of the Month: **Weather**

Focus this week:

1. Understanding different types of storms, such as tornadoes, hurricanes, etc.
2. Reviewing the Water Cycle and the relation to changing states of matter.
3. Practicing various Mastery Skills
4. IXL Mastery Skills: G4, G5, G6, H4, H5, H6, W1, W2, W3

Skills:

**Objectives:** Students will be able to:

- Identify the different types of storms.
- Understand how a tornado is formed.
- Understand the water cycle and its components, including the different phases of matter.
- Increase in mastery of skills sets we have studied thus far.

**Vocabulary/Key Terms/Formulas:**

Word Wall:

Meteorologist, weather, atmosphere, sunny, rainy, cloudy, snowy, windy, wind, air pressure, heat, water vapor, predict, climate Fahrenheit, Celsius, thermometer, digital, wind vane, cirrus, stratus, cumulo-nimbus, cumulus, fog

**Homework/Classwork: (All homework is due the next class day unless indicated.)**

	<u>In Class</u>	<u>Homework</u>
<b><u>Monday</u></b> <b><u>Jan 30</u></b>	IXL Practice Review Test from Friday	Work on IXL.com Next exercise in their workbooks.
<b><u>Tuesday</u></b> <b><u>Jan 31</u></b>	Look at Water Cycle and Phase Change One-on-one help with mastery	Phase Change Worksheet Next exercise in their workbooks. Work on IXL.COM
<b><u>Wednesday</u></b> <b><u>Feb 1</u></b>	Different types of Storms and how they are formed. Weather Safety	Weather Safety Worksheet Work on IXL.COM Have students bring in 2 clear (1 or 2 litre bottles)
<b><u>Thursday</u></b> <b><u>Feb 2</u></b>	Tornado demonstration.	Write 2 paragraphs about what were some key learnings about weather this month, Next exercise in their workbooks. Work on IXL.COM

<b>Friday</b> <b>Feb 3</b>	Mastery Test IXL Practice	Next exercise in their workbooks. Work on IXL.COM
-------------------------------	------------------------------	--

### **Tests/Due Dates:**

**Friday, Feb 3, 2012 – 1 pm**

### **Special Events/News:**

**It is very important** that students take responsibility for their assignments each day. Please sign their signature sheets DAILY so that I am aware you are reviewing (not doing) their work! There are consequences for not coming prepared to class each day – either decreased computer time or Dixon dollars subtracted.

**Parents and Guardians:** Please make sure students are spending at least 2 hrs per week on IXL.com. Most of those hours will occur during school time, but it is a great site for practice at home. If you do not have access to the internet or a computer at home, please let me know so I can plan for more time during school. Thank you!

### **Extraordinaries/Mastery Review Topics:**

### **Other Information**

### **Expectations of students and teachers:**

Parents and Guardians: After a review of our first term, Mr. KD and I will be introducing some changes to the general expectations of the 2<sup>nd</sup> Grade STEM class going forward. Please read the following bullets and if you have any questions, please email me or Mr. KD.

- Students should come to class prepared: writing instrument, workbooks, any assignments completed.
- At the beginning of each week, students will be given a packet that will include the following:
  - Their weekly sheet (which will be online as well) which will outline all of their homework for the week.
  - All reading for the week so that they can go at their own pace.
  - A signature label that parents should sign each day that they have reviewed their child's work and/or talked with them about the things they learned in class today.
- We will have daily ASMD (Addition, Subtraction, Multiplication and Division drills). The goal is to constantly improve in accuracy and speed.
- If you do not typically communicate via email and you need to reach me or Mr. KD regarding your child, please call between the hours of 3 pm and 4 pm on Thursdays or 10 am and 12 Noon on Tuesdays.