Ms. George’s Science

Red Wolves Team

[jgeorge3@wcpss.net](mailto:jgeorge3@wcpss.net)

jgeorge3.weebly.com

**6th Grade Science Content and Objectives:**

Unit 1: Lab Safety and the Scientific Method

Unit 2: The Land beneath Our Feet:

|  |  |
| --- | --- |
| 6.E.2 | Understand the structure of the Earth and how interactions of constructive and destructive forces have resulted in changes in the surface of the Earth over time and the effects of the lithosphere on humans. |

Unit 3: Growing and Flowing:

|  |  |
| --- | --- |
| 6.L.1 | Understand the structures, processes and behaviors of plants that enable them to survive and reproduce. |
| 6.L.2 | Understand the flow of energy through ecosystems and the responses of populations to the biotic and abiotic factors in their environment. |

Unit 4: What’s the matter?

|  |  |
| --- | --- |
| 6.P.2 | Understand the structure, classifications and physical properties of matter. |

Unit 5: Catch a Wave:

|  |  |
| --- | --- |
| 6.P.1 | Understand the properties of waves and the wavelike property of energy in earthquakes, light and sound waves. |
| 6.P.3 | Understand characteristics of energy transfer and interactions of matter and energy. |

Unit 6: Space Invaders:

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| --- | --- |
| 6.E.1 | Understand the Earth/Moon/Sun system, and the properties, structures and predictable motions of celestial bodies in the Universe. |

**Grading:**

55% - Major Assessments- Tests, Projects, Labs, etc.

35%- Minor Assessments- Class work, quizzes, etc.

10%- Formative Assessments- Homework, Exit Tickets, etc.

**Grade Scale:**

90- 100 A

80- 89 B

70-79 C

60-69 D

59 and below F

**Retest Procedures:**

Students who do not pass a test will have an opportunity to retest provided they have completed missing work (class work and homework) associated with the unit and/or made test corrections within two weeks of the original test date.

**The Following are School-Wide Expectations for Late/Missing Work:**

1. Students are expected to complete all work assigned by their teachers.
2. The following are the deductions to be used for late assignments handed in within 10 school days of the original due date.

* 1 day late     10% penalty
* 2-5 days late 20% penalty
* 6-10 days late   40% penalty

1. A student may still earn a zero if they fail to hand in the assignment within the 10 day window.
2. The original grade should be on the assignment before deduction so the student knows their level of mastery.
3. Working Lunch may be assigned to provide incentive for students to complete a missing assignment.  Working Lunch may be assigned until the assignment is complete.  If an assignment has been corrected in class; an alternate, similar assignment may be given.
4. Special consideration will be given in the case of extended absences due to injury or chronic illness.

**Tutoring/Extra Help**

I will be available on Tuesday morning from 6:45 to 7:45 for extra help and tutoring. You will need to fill out a permission form or contact me in advance to attend.

**How Can You Support Your Child**

* Check Teacher’s Website Weekly to stay updated
* Review Science Vocabulary Weekly with your child
* Try and read at least 3 non-fiction science texts per semester
* Supplemental Materials: Discovery Education and Brainpop
  + Discovery Education Login: wcp*[student ID#]* Password: student ID#
  + BrainPop Login: wmswolves Password: 3409

**Please fill out the following information and sign below to acknowledge that you have read these expectations.**

1. Primary phone number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Secondary phone number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*Can I contact you via text? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Language(s) spoken at home: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Will you need an interpreter for parent conferences? \_\_\_\_\_\_\_\_\_\_

5. Do you have internet access at home? If so, please specify the device(s) [ex: smart phone, laptop, desktop, etc]: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\**I need to know the type of device, if possible, because certain applications we use are not compatible with all devices. For example, Flash does not work well with Apple products.\*\**

Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Parent:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_