6ᵗʰ Grade Mathematics Syllabus
Summer 2012

Unit Title: 6th Grade Mathematics: Probability

Instructor Information: Mrs. Chupp is the instructor for 6th grade Mathematics, Summer 2012. Mrs. Chupp can be reached by email at Ashley_chupp@cartersville.k12.ga.us or by phone at 770-382-3666. Office hours will be 8am-11: 30am on Mondays, Wednesdays and Thursdays and 1pm-4pm on Tuesdays and Thursdays.

Required Materials: *McDougal Littell Math Course 1*, Georgia, 2004-2007. Books can be rented at the school office located at 15 Nelson Street, Cartersville, GA 30120 for a $25 fee beginning May 25. Books must be returned to the school office by July 30.

For the online course to be successful, you must have a reliable computer with Internet access. All lessons, discussions, assignment submissions and announcements will happen online and you must be able to access our classroom meeting place every day.

Unite Description: This 6th grade Mathematics course is based on the Georgia Performance Standards (GPS). The goal of this course is to prepare students for future mathematics courses. In this course, students will use technology to problem solve, communicate, calculate and create presentations. This course offers students the opportunity to expand knowledge by using mathematics and reasoning skills to understand the world around them. In this course, students will learn about basic probability and how it applies to the world around them.

Learning Outcomes:
- Determine the theoretical probability of a simple event
- Represent probability using a ratio
- Use fraction, decimals and percent interchangeably
- Predict the probability of a given event through trials and/or simulations
- Distinguish between theoretical and experimental probability
- Recognize that as the number of trials gets larger, the experimental probability of an event approaches the theoretical probability of that event

Unit Schedule:
This math class will take place over the course of a six-week period. Each week's assignments are due Sunday by midnight.
Week 1 - Introduction
Week 2 – Basic Probability
Week 3 – Theoretical vs. Experimental Probability
Week 4 – Continue Theoretical vs. Experimental Probability
Week 5 – Experimental Probability becomes Theoretical Probability

Week 6 – Final project

Class Participation Requirements: Students are expected to participate in all assigned discussions, assignments, tasks, and assessments. In order to be successful in this unit, students will need to follow the above unit schedule as not to fall behind. Falling behind creates more stress on the student and the student is not able to follow along in weekly discussions that are pertinent to each week's topic. Students will be contacted by email and/or phone if not participating. Parents will be contacted if student does not respond to the instructor. Deciding not to participate will reflect in course grade or being dismissed from the course.

Late Work Policy: All assignments are due by the date indicated in each assignment folder. The end of the week for each module is Sunday at midnight. Work submitted after the assigned due date will result in a **reduction of 20%** on the assignment for each day the assignment is late.

If you would like, you may work ahead as not to fall behind. However, if you work ahead, you must continue to read and respond to peer's discussion postings.

Grading Policy and Assessments: In this unit, assessments/tests count 70%, assignments/discussions count 30% and quizzes count 20% of a student's grade. There will be several self-assessments during the unit that will not be graded. These self-assessments are for students to do a self-check of where they stand on a topic. These self-assessments will aid the student in completing the week's assignment. Rubrics will be attached with each assignment so students know exactly what is expected ([click to see example rubric](#).)

It is important for students to be aware of their progress throughout this course. Therefore, graded assignments will be returned within 48 hours of submitting. If you have questions about your grade, please review the assignment rubric. If you still have questions, please contact me by phone (see page 1 for office hours) or email.
Final grades will be as follows:
      A = 90% - 100%
      B = 80% - 89%
      C = 70% - 79%
      F = 69% or lower

Online Testing Procedures: A variety of online testing formats will be provided during the unit to ensure academic honesty. Please do not seek help from anyone when taking an online test. Questions on quizzes and tests will be randomized and timed. Since these assessments are timed, when opening a quiz or test, you must complete the whole quiz or test in one sitting.

Conduct and Academic Honesty Policy:
Students have a responsibility to conduct themselves with the highest standards of honesty and integrity. Academic honesty is one of the most important characteristics of any class.

Students are given the opportunity to achieve academically through an online environment; therefore, it is very important that mutual trust exists between instructors and students. Accordingly, honesty in all academic matters is expected from all students. Any attempt to cheat, plagiarize, falsify information, or receive credit for work you did not do will be considered dishonest behavior and will be dealt with accordingly by the instructor and administration.

The following are examples of some, but not all, acts that are considered dishonest behavior:

1. **Plagiarism** (representing another's ideas, words, expressions, or data in writing or presentation without properly acknowledging the source).
2. **Submitting work through the use of another person's password/login** is considered dishonest behavior. Student logins/passwords are confidential information that should not be shared with others. Any assignments, work, or projects posted while using another student's login will be considered plagiarism.
3. **Cheating** (intentionally using or attempting to use unauthorized material, assistance, or study aids in any academic work). Cheating includes copying another student's work and submitting it as your own.
4. **Performing work or taking an examination for another studen**t.
5. **Falsification and/or misrepresentation of data** (submitting made up data or sources).
6. **Computer crimes** (damaging computer programs, hacking, constructing viruses, introducing viruses into a system, copying programs, etc.)

Academic dishonesty will result in one or more of the following actions:
Loss of grade points
Removal from the course
Failure to receive credit for the course
Loss of eligibility to earn credits through CMS

Plagiarism Detection Technology
Students should be aware that CMS instructors use several technologies to check student work for authenticity, including but not limited to the upload of student work to anti-plagiarism software. In order to maintain the integrity of all CMS grades, instructors may choose to facilitate random oral assessments and/or face-to-face exams. If an instructor confirms that a student has plagiarized work in any manner, the student will be subject to the consequences stated above.

(Information above obtained from Cobb Virtual Academy).

Acceptable Use Policy:
The Internet is to support research and education in the CMS System. Access is provided in order to use online resources as well as to collaborate with peers for academic work. Internet use must be in support of educational endeavors and research consistent with the objectives of the school system. Transmission of any material in violation of any federal or

state regulation is prohibited. This includes, but is not limited to, copyrighted material, threatening or obscene material, or material protected by trade secret. Use for commercial activities is not acceptable. Use for product advertisement or political lobbying is likewise prohibited.

The use of Internet is a privilege, not a right, and inappropriate use will result in a termination of those privileges. The classroom teacher, school administration and/or Technology Department will deem what is inappropriate use.

Netiquette - Generally accepted rules of network etiquette is required. This includes but is not limited to the following:
  a) Abusive or threatening messages to others will not be tolerated.
  b) Use appropriate language. Do not swear, use vulgarities or any other inappropriate language. Illegal activities are strictly forbidden.
  c) Do not reveal personal information such as addresses or phone numbers.
  d) E-mail is not private. A third party may have access to all mail.
  e) Do not use the network in a manner that disrupts the use of the network by other users.

The CMS System makes no warranties of any kind, whether expressed or implied, for the service it is providing. The CMS System will not be responsible for any damages you may suffer. This includes loss of data resulting from delays, nondeliveries, misdeliveries, or service interruptions caused by network failure or your own errors or omissions.

Security on any computer system is a high priority, especially when the system involves many users. If any security problem on the Internet is identified, a teacher or administrator must be notified. Any user identified as a security risk shall be denied access to Internet.

Vandalism will result in cancellation of privileges. Vandalism is defined as any malicious attempt to harm or destroy data of another user, Internet, or any of the above listed agencies or networks connected to the Internet. This includes, but not limited to, the uploading or creation of computer viruses.

Since the Internet opens up the world to unrestricted access, teachers cannot assume the responsibility for monitoring every document to which a student may gain access. Therefore, teachers are not to be held liable for what the student may access through the Internet beyond instructional directives.

The school system shall implement appropriate and necessary safety measures to protect students from inappropriate use and communications on the Internet. Such security measures shall include but not be limited to the use of filtering devices, thereby blocking entry to inappropriate areas, which may be considered harmful. Although such filtering devices are useful and work well, it shall not be assumed that they are 100% infallible. Students and staff must accept responsibility for their use of the Internet.

(Information above obtained from the CMS student handbook as well as www.liberty.k12.ga.us).

Students Right to Privacy Statement:
FERPA: The Family Education Rights and Privacy Act of 1974 (FERPA), is a federal law that protects the privacy of student education records. Students have specific, protected rights regarding the release of such records and FERPA requires that institutions adhere strictly to these guidelines. Therefore, it is imperative that the faculty and staff have a working knowledge of FERPA guidelines before releasing educational records.

The Family Education and Privacy Act was enacted by Congress to protect the privacy of student educational records. This privacy right is a right vested in the student. Generally:

- Institutions must have written permission from the student in order to release any information from a student's educational record.
- Institutions may disclose directory information in the student's educational record without the student's consent.
- It is good policy for the institution to notify the student about such disclosure and to seek the written permission of the student to allow disclosure of any educational records including directory information.
- Institutions should give the student ample opportunity to submit a written request that the school refrain from disclosing directory information about them.
- Institutions must not disclose non-directory information about students without their written consent except in very limited circumstances.
- Institutions should notify students about their rights under FERPA through annual publications.
- When in doubt, it is always advisable to err on the side of caution and to not release student educational records without first fully notifying the student about the disclosure.

FERPA Resources:

- Education Department Reworks Privacy Regulations via 12/09/08 *Wall Street Journal*
- FERPA and social media via facultyfocus.com
- FERPA updates US Department of Education 12/09/08
- FERPA revisions podcast PowerPoint February 2009
- Resources linked from the NACADA Clearinghouse
- FERPA and Social Media

(Information above obtained from the National Academic Advising Association).

Online Communications Guidelines: During this online course, your means of communication with your instructor and peers will mainly be through discussion posts and emails. Please read the following before sending an email or responding to discussion posts. The following will explain the requirements and formats for each.

Email

- When sending an email to me or to your peers' please include an appropriate subject heading for your email communication. For example, if I am emailing the class about an assignment, I will list the assignment name as my subject such as "Probability Activity." Please do not title an email with "Hey" or "This is Suzy" as this does not give the reader any indication of what the email will be about.

- Always read through your email as well as to whom you are sending it to before clicking the "send" button. It is difficult to read someone's voice through an email. Be sure that you do not sound rude in your email and that you DO NOT USE ALL CAPS as it looks like you are screaming.

- Emoticons (☺ ☹) may be used, however, do not use texting (LOL, BTW, SMH) format for email. Please spell out all words to ensure your reader clearly understands your email.

- When closing an email, please use your first and last name as well as your course title (John Smith, ITEC 7480).

Discussions
- Most online communication will be asynchronous (student are not required to be online at the same time but will have time to read, reflect and respond to questions and other's statements on their own time within the assigned timeframe). In order for this online unit to be successful, students must respond within the required timeframe to get the most out of each discussion. Students will be given a week to answer a discussion question and respond to peers. Students must respond to the instructor's questions by Thursday of each week and comment on 2 peer's responses by Sunday at midnight of each week. This timeframe allows ample time for all students to comment and respond.

  o When answering a discussion post, please answer all questions asked within 2 – 3 paragraphs (3-5 sentences per paragraph). Postings should be thoughtful reflections that relate to presentations and readings from the assigned week.

  o You will respond to two of your peers' postings for each discussion. Be sure everyone's posting is commented on. Do not respond to someone who already has two responses from peers. Your responses will expand on what the original author posted. Your response should be 1 – 2 paragraphs (3-5 sentences per paragraph) in length.

  o Be aware of the tone your text conveys in your postings. Remember to use appropriate language at all times. You may use emoticons but please, no abbreviations (LOL, BTW).

- There may be a few times where we meet synchronously (all at the same time/tutoring session). These dates and times will be given a week before the synchronous session is scheduled. These sessions will be a time where we all meet online at the same time and can clarify or discuss content issues.

Technology Requirements/Technical Support Instructions:
In order to be successful in an online course, proper equipment will be needed. You must also have some knowledge of using a computer, email (sending, receiving, attaching documents, etc.), locating websites and using basic software. You must be responsible for troubleshooting any equipment that is not working properly. We will also be using Blackboard for our class headquarters. You may contact technical support for any issues you are having. If you are having any technical problems, please inform your instructor immediately. Please be sure to back-up all files, as it is your responsibility to turn all work in on time. Please make a back-up plan in case your operating system shuts down for a short period of time (use the public library computer, friend's computer or neighbor).

Computer: In this course, you will need a working computer with Internet access and email. Please set up an email now if you do not already have one. The email account must be able to send and accept attachments as well as blind copy emails.

Operating System: A PC (Windows XP, Vista or 7) or MAC (OS 10.5 – 10.6) may be used.

Internet Speed: High speed Internet access is recommended.

Web Browser: Firefox 3.0 or higher, Internet Explorer 7.0 or higher or Safari 3.1.

Additional Software/free downloads: Microsoft file formats (Word, PowerPoint, Excel) will mostly be used. If you do not have Microsoft software on your computer, you may download a free alternative called Open Office. Adobe Acrobat PDF viewer is also recommended as PDF files may be sent. Java JRE plug-in ensures your programs are running properly. Flash Player to view interactive content. QuickTime will be needed to view QuickTime videos.

In order to be able to attend our synchronous sessions as well as our tutorial sessions, you must have a working headset with a microphone. These can be purchased at your local office supply store or Wal-Mart. Cost is $15 - $20.

Copyright Statement:
What is a copyright? When you create something, you own the copyright to it. Copyrighted material can be a story, poem, paper, image, song or video. A copyright protects the created material so no one else can claim the piece as his or her own idea. You authored the material and you have the ability to decide how the piece can be used. No one else can use what you created without your permission.

What if I ignore the copyright? It is illegal to use copyrighted material without the

owner's permission. If copyright infringement occurs, the owner of the material can have the unauthorized user fined or taken to court.

Review Copyright Kids for more information on copyright issues.

ADA Statement:
If needed, accommodations will be made for students with a current IEP or 504 Plan. The instructor must be informed and sent copies of the current IEP or 504 Plan prior to beginning course work. As soon as the information is received, accommodations can be made to support learning in order for the student to be successful in this online course.

References

Cartersville Middle School Student Handbook. 2011-2012. http://ms.cartersville.k12.ga.us/pdf/studenthandbook.pdf

Cobb Virtual Academy. Cobb County School District. 2011. http://www.cobbk12.org/cobbvirtualacademy/faq/academic_honesty.html

Dr. Traci Redish. 2012. Computer applications 1 sample syllabus.

Liberty County Public Schools Acceptable use Policy/Procedures. www.liberty.k12.ga.us

Van Dusen, William R., Jr (2004). FERPA: Basic guidelines for faculty and staff a simple step-by-step approach for compliance. National Academic Advising Association. http://www.nacada.ksu.edu/Resources/FERPA-Overview.htm