Math Studies (12) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Internal Assessment

Project

Math Studies Project – Topic Deadline

Respond to each of the Criterion Prompts listed below.

Your responses should be typed, 12 point double spaced.

Turn your responses to Mr. Brooks no later than Friday November 13

Criterion A – Title, Plan of Action

1. Project topic:
2. Project Title:
3. Explain why you chose this topic
4. What do you plan to show about this topic using mathematics?

Criterion B – Data

1. How will you collect data for your project?

Criterion C – Math

1. What mathematics do you plan to use in your project?
2. Is this math “sophisticated?”

Criterion D & E – conclusions, Interpretations, Validity

1. What conclusions do you expect from your project
2. How will the math you use support your conclusions and interpretations?
3. What limitations may affect the validity of your project?

Criterion F – Coherent, Proper Use of Vocabulary and Notation

1. List the appropriate vocabulary, notation and formulas for the mathematics you will use.

Criterion G – Commitment

1. State the five deadlines and dates you will be responsible to meet for your project
2. Will you meet these deadlines?
3. Will you be willing to accept my advice to improve your project throughout the process?

IB Math Studies SL

Internal Assessment Due Dates

2013-2014

Title and Plan of Action (Answer A-G) September 30

Data Check I (Criterion B) October 18

Data Check II (Criterion B) November 1

Math Check (Criterion C) December 13

1st Draft (Criteria D, E, and F) January 10

Final Deadline January 31

Math Studies (12) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Internal Assessment

**DATA CHECK – Criterion B**

* 1. Refer to the IB Internal Assessment Rubric
  2. Respond to each prompt below. (Your responses may be handwritten)

1. Do you have data? If so, how was it collected? (Survey, internet, etc)
2. A) Describe the quantity of your data.
   1. Do you think you have enough or too much?
   2. How can this be a problem
3. A) Describe the quality of your data.
   1. Are there possible flaws in your method of data collection?
   2. State your data sources. Are these sources reliable? Expain.

**DATA CHECK – DEADLINE**

1. Turn in your responses to the prompts on or before **November 3**
2. Mr. Brooks must see your raw data as well as evidence of your data sources on or before **November 1.**
3. I want a printed copy of your **Raw Data**.
4. This will be a **Test Grade** – so treat it that way

Math Studies (12) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Internal Assessment

**MATH CHECK – Criterion C**

1. Refer to the IB Internal Assessment Rubric
2. Respond to each prompt below. (Your responses may be handwritten)
3. Have you done any math?
4. If so, describe the math processes your are using.
5. Are these “simple” or “sophisticated” math processes?
6. Did you have enough data to support your math? Explain.
7. How are you working your math? (by hand, GDC, MS Excel, etc)

**MATH CHECK – DEADLINE**

1. Turn in your responses to the prompts on or before **December 13, 2013**
2. Mr. Brooks must see evidence of your math work on a separate sheet of paper, or by using a computer software. **YOU MUST WORK OUT AND SHOW YOUR WORK TO ONE SIMPLE PROCESS & ONE HIGH-LEVEL PROCESS** to receive full-credit for this assignment
3. This will be a **Test Grade** – so treat it that way

Math Studies (12) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Internal Assessment

**FIRST DRAFT**

* Mr. Brooks will be checking your progress in Criteria A through F

At this time you should be focusing on Criteria D, E and F.

Refer to the IB Internal Assessment Rubric

Criterion D – Interpretation of results

Criterion E – Validity

Criterion F – Structure and communication

**FIRST DRAFT – DEADLINE**

1. Turn in your first draft on or before **January 10, 2013**
2. You need to treat this like a FINAL DRAFT, and **REFER TO THE Internal Assessment Criteria on my webpage 🡪 coachbrooks.weebly.com**