SUBJECT: Math/Geometry MYP Year 3 TEACHER: Cady

Unit Title Time Frame	Key Concept	Related Concept(s)	Global Context	Statement of Inquiry	MYP Subject Objectives	ATL Skills	Content
Geo-Indirect Measurement 12 hrs Chapter 7	Connections	Equivalence, Model	Science and technical innovation, Adaptation and, ingenuity	Through science, technical innovation, and a little ingenuity we can adapt equivalent models, we can connect objects that can easily be measured and calculate the measurement of much larger objects that cannot be easily measured.	A: Knowledge and understanding: Use of basic concept-specific strategies to solve simple problems in both familiar and unfamiliar situations including those in real-life contexts.	In order to apply selected mathematical strategies to reach a solution students must collect record and verify data. Communicate coherent mathematical lines of reasoning students must, delegate and share responsibility for decision-making Applying selected mathematical strategies to reach a solution students must be able to organize and depict information logically	Reviews A.CED.A1 Covers G.SRT.B.4 G.SRT.B.5 G.GPEB.5
Geo Slope 14 hrs Chapter 3	Perspective	Simplification, Representation	Orientation in space and time Scale and variability	Perspectives can be simplified using equal representations of scale and variability.	D Apply mathematics in real-life context Ii. select appropriate mathematical strategies when solving authentic real-life situations	Communication	G.CO.A.1 G.CO.C.9 G.CO.C.10 G.CO.D.1 G.CO.C.13 G.GPE.B5 G.MG.A3

Geo Analyze data 10 hrs Chapter 13	Connections/ Communities	generalization, justification	Identities and Relationships- competition and cooperation; teams, affiliation, leadership	Factors influence ideological connections/communities teams, competition and cooperation; teams, affiliation, leadership	Criterion C: Communicating- iii. communicate coherent mathematical lines of reasoning	Disciplinary Grounding: In order for students to demonstrated factual, conceptual, and procedural knowledge they need to be able to Synthesizing: In order for students to synthesize disciplinary knowledge to demonstrate interdisciplinary understanding they need to be able to collect, record, and verify data. Communication Skills: In order for students to use appropriate strategies to communicate interdisciplinary understanding effectively they must communicate use and interpret a range of discipline-specific terms and symbols. Reflecting: In order for students to reflect on the development of their own interdisciplinary understanding they must be able to keep a journal to record reflections.	S.CPA.1 S.CPA.A S.CPA.3 S.CPA.4 S.CPA.5 S.CPB.6 S.CPB.7 S.CPB.8 S.CPB.9 S.MD.B.6 S.MD.B.7