**IBMYP Subject Overview**

**Subject Area:** Math **Course:** Course 1 **MYP Level:** 1 **Teacher(s):** Lawrence

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| **Time****Frame****(Dates)** | **Unit Title and Topic** **Add an \* for interdisciplinary connection- Add an @ for Service as Action)** | **MYP Objective(s)** | **SOL(s)** | **Key Concept** | **Related Concepts** | **Global Context** | **Statement of Inquiry** | **MYP Assessment Task****&****ATL Focus** | **MYP Criteria** | **Learner Profile Focus** |
| 15 hours | What Comes Next | C | 6.4 | Relationships | Representation, System | Identities and Relationships | Learners represent systems to explore human relationships including family, friends, community and cultures.  | Unit Test, Integer Timeline - Communicate; In order for students to communicate, students must research by collecting, recording and verifying data and accessing information to be informed and inform others.  | C | Communicator |
| 20 hours  | Where Do I Belong | A | 6.1 6.12, 6.2 | Logic | Relationships, Representation | Scientific and Technical Innovation | Learners explore logic through mathematical puzzles, principles and discoveries.  | Unit Test, Task (ordering rational numbers); In order for students to know and understand, students must reason logically in order to draw reasonable conclusions and generalizations.  | A | Thinkers |
| 24 hours | Start Making Sense | A | 6.5, 6.12 | Relationships | Representation, Generalization | Scientific and Technical Innovations | Students explore relationships through systems, models, methods, products, processes and solutions. | Unit Test; In order for students to know and understand, students must use relationships between processes and solutions.  | A | Balanced |
| 24 hours | Keep It Balanced | A,D | 6.13, 6.14 | Logic | Representation, Relationships | Fairness and development | Logic represents relationships through inequality, difference and inclusion. | Unit Test, Inequality Task; In order for students to determine solutions to real world problems, students must apply skills and knowledge in different situations.  | A,D | Knowledgeable |
| 12 hours | Data, Data Data! | A,D | 6.10, 6.11 | Relationships | Representation, Generalization | Scientific and Technical Innovations | Students explore relationships through systems, models, methods, products, processes and solutions. | Unit Test, Statistically Speaking; In order for students to determine a real world problem, students must research by collecting, recording and verifying data and accessing information to be informed and inform others.  | A,D | Communicators |
| 12 hours | Build It | A,D | 6.7 | Form | Representation, Measurement | Globalization and sustainability | Form is represented by commonality, diversity and interconnection. .  | Unit Test, Dream Home Task; In order for students to apply mathematics in real life, students must create original works and ideas.  | A, D | Risk Takers |

Support of Personal Project: *(Develop a narrative description of the ways in which your class supports the development of skills students will need to complete the Personal Project (completed in MYP Year 5). Areas to consider include, but are not limited to, the development of students’ autonomy, self-confidence, reflection, perseverance, time-management, organization, and research.)*