

Date/Event	Wk	Unit of Inquiry	Skills	Sc/Soc/PSPE	Genre	Lang. Stand Alone	Maths Integrated	Number/Maths Stand Alone	Info. Lit
WB 21 Aug	1	Where we are in time and place	Communication: Reading, Writing	Social	Writing to: Describe & Inform (Transdisciplinary Connection)	Listening	Measurement (Transdisciplinary connection) Conceptual Understandings	Number	Create posters by researching online and using Microsoft Publisher. Create board games using digital resources. Learn about technology used regularly in G5.
WB 28 Aug 30 th Open House	2	<i>An inquiry into: orientation into time and place, and the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives</i>	Research: Formulating questions, Collecting data,Recording data	Social Organization & Culture Describe how artifacts, heirlooms and rituals are evidence of cultural identity Compare and contrast current family experiences with those of a previous generations and other cultures	Purpose To provides a detailed description of various components of the topic. These components are sequenced in a specific way, depending on the text topic. Language features/Grammar Uses and expands noun groups/phrases and adjective groups/phrases in a variety of ways to provide a fuller description of the person, place, thing or idea Consistently uses tenses in writing to distinguish present, past or future Recognizes how quotation marks are used in texts to signal dialogue, titles and quoted (direct) speech and begins to use in these forms Contextual Understanding Selects appropriate strategies to use throughout the writing process	Identifies a range of purposes for listening in a variety of situations, formal and informal, and sets goals related to specific listening tasks (Share information and ideas about a topic with peers during conversations, discussions, and meetings.) Uses interaction skills, including listening while others speak, promoting turn-taking and balanced contribution, responding with questions/clarifications ,using appropriate voice levels, , articulation and body language, gestures and eye contact Speaking Summarizes text read aloud or information presented in diverse media and formats Reading Recognizes base words and removes prefixes and suffixes to break them down and construct meaning Uses the context of the sentence, paragraph, or whole text to help determine the precise meaning of a word Connects words that are related to each other because they have the same base or root word Analyzes texts and explains how various elements in them contribute to meaning Makes judgments and draws conclusions about the ideas and information in texts and cite stated or implied evidence from the text to support them Writing Uses phonological understandings to decode and encode multi-syllabic words Selects appropriate strategy to spell unknown words Consistently uses plurals in writing Knows that possessives are signaled through apostrophes and uses apostrophes with common and proper nouns	Objects and events have attributes that can be measured using appropriate tools <i>Reads and draws time to the nearest 5-minute interval</i> <i>Estimates and calculates simple time intervals</i> <i>Uses timetables and schedules (12 hour and 24 hour clocks</i> <i>Determines times worldwide</i> Shape & Space Conceptual Understandings <i>Specific vocabulary can be used to describe an object's position in space and point of reference</i> <i>Reads, plots and/or use coordinates, grid lines, axes, quadrants, negative and positive numbers</i>	The base 10 place value system can be extended to represent magnitude and extends infinitely in 2 directions. <i>Reads, writes, compares and orders whole numbers up to millions or beyond</i> <i>Models numbers to billions</i> <i>Identifies the location of negative numbers on a number line</i>	Start of year - learn to share documents in Google Docs, organize folders on Google Drive accounts, email skills and etiquette, emphasis on proper use of chat and gmail accounts. Excel & Graph making. Create individual blogs/e-portfolios. NETS-S 1. Creativity and Innovation 1b. Create original works as a means of personal or group expression. NETS-S 2. Communication and Collaboration a. Interact, collaborate and publish with peers, experts or others employing a variety of digital environments and media. b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats. c. Develop cultural understanding and global awareness by engaging with learners of other cultures. d. Contribute to project teams to produce original works or solve problems. NETS-S 3. Research and information fluency: b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media NETS-S 6. Technology operations and concepts: a. Understand and use technology systems b. Select and use applications effectively and productively c. Troubleshoot systems and applications d. Transfer current knowledge to learning of new technologies
WB 4 Sep	3								
WB 11 Sep	4								
WB 18 Sep	5	Central Idea: Historical heritage can provide us with an insight into a region and its people.	Thinking: Acquisition of knowledge, Comprehension	Continuity & Change through time Represent people, events and places chronologically Analyse information about past societal systems Compare and contrast social environments in different cultures Assess which aspects of past civilizations have had the most impact on the present day, using evidence from a variety of sources Reflect on the influence of the arts and technology throughout history in the representation of culture. Use knowledge of a historical period to interpret the evidence and present an informed view					
WB 25 Sep	6	Lines of inquiry: The history of Serbia and the Balkans The gathering and interpretation of historical information The lasting legacies of past civilizations Key Concepts: Causation, Change, Reflection Related Concepts: Interpretation Learner profile: Inquirer, Knowledgeable Attitudes: Curiosity, Empathy							
WB 2 Oct	7	How we express ourselves							
WB 9 Oct	8	<i>An inquiry into: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</i>					Data Handling Conceptual Understandings Data can be collected, organized, displayed and analyzed in different ways.		
WB 16 Oct	9								
WB 23 Oct	10	Central Idea: Images, words and sounds have the power to influence thinking and behavior.	Social Skills: Respecting others, Communication: Listening, Writing, Viewing Speaking Thinking: Synthesis, Evaluation	Social Studies Social organization and culture Investigate the methods and techniques that individuals, groups, and organizations use to influence one another Apply the techniques learned to create persuasive texts in a variety of forms Develop media literacy skills, such as evaluating the accuracy and reliability of information	Writing to: Persuade Purpose: To put forward opinions and arguments in order to persuade the reader to agree with a particular point of view. Language features/Grammar Forms cohesive texts through the use of linking devices including pronoun reference and text connectives Contextual Understanding Draws upon semantic, graphophonic, and syntactic knowledge when writing, e.g. world and cultural knowledge, linguistic features, vocabulary knowledge, text structure knowledge Selects appropriate publication formats to enhance audience understanding and impact	Listening Identifies a variety of listening comprehension strategies and uses them appropriately before, during, and after listening in order to understand and clarify the meaning of oral texts Demonstrates an understanding of the information and ideas in oral texts by summarizing important ideas and citing a variety of supporting details Identifies the point of view presented in oral texts and asks questions to identify missing or possible alternative points of view Speaking Reports on a topic or text or presents an opinion, sequencing ideas logically and using appropriate facts and relevant descriptive details to support main ideas or themes; speaks clearly, at an understandable pace Summarizes the points a speaker makes and explains how each claim is supported by reasons and evidence Reading Distinguishes between multiple meanings of words Recognize and use suffixes that change verbs and nouns for different functions such as adjectives and adverbs Reads independently for a (age appropriate up to 45 minutes) sustained time Reads aloud with appropriate pace, accuracy and thoughtful expression Identifies the point of view presented in texts, asks questions to identify missing or possible alternative points of view, and suggests some possible alternative Identifies various elements of style – including word choice and the use of similes, personification, comparative adjectives, and sentences of different	<i>Utilizes various methods of collecting mathematical data (survey, experiments, observation)</i> <i>Design a survey and systematically collects, organizes and displays data in multi-scaled appropriate graphs, including circle graphs and/or line (plot) graphs</i> <i>Describes and uses the features of graphs appropriately (title, scale, key)</i> <i>Identifies, describes and explains the range, mode, median and mean in a set of data</i> <i>Organizes a set of raw data and calculates the mean, median, mode, and range</i> <i>Identifies, reads and interprets the range and scale of graphs that represent more than 1 unit</i>	Number Conceptual Understanding The operations of addition, subtraction, multiplication and division are related to each other and are used to process information to solve problems. Even complex operations can be modelled in a variety of ways <i>Finds the sum and difference of multi-digit whole numbers</i> <i>Finds the product and quotient of multi-digit whole numbers (with four digit dividends and two digit divisors)</i>	Use newsela.com to access information about current events at appropriate reading level. Practice summarizing articles and share in class discussions. 1. Creativity and Innovation a. Apply existing knowledge to generate new ideas, products or processes. b. Create original works as a means of personal or group expression. d. Identify trends and forecast possibilities. 2. Communication and Collaboration a. Interact, collaborate and publish with peers, experts or others employing a variety of digital and media. environments b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats.
WB 30 Oct	11								
WB 6 Nov	12	Lines of inquiry: How to craft and deliver a persuasive message in different media The techniques used to influence the audience Key Concepts: Form, Reflection, Perspective Related Concepts: Communication, Structure, Persuasion Learner profile: Principled, Open-Minded Attitudes: Confidence							

						types, lengths, and structures – and explains how they help communicate meaning Writing Uses vocabulary to express a greater precision of meaning, and recognizes words can have different meanings in different contexts Use a dictionary, thesaurus, and spell-check confidently to effectively check their writing Knows when to use a subject pronoun and object pronoun within a compound sentence			
WB 13 Nov	13	How the world works	Social: Cooperation	Science	Writing to: Instruct (Transdisciplinary Connection)	Listening Makes inferences about oral texts using stated and implied ideas in the texts as evidence Speaking Extends understanding of oral texts by connecting the ideas in them to their own knowledge, experience, and insights; to other texts, including print and visual texts; and to the world around them Reading Demonstrates an understanding of appropriate speaking behaviors in a variety of situations, including paired sharing, dialogue and small and large group settings Writing Describes how adverb groups/phrases and prepositional phrases work in different ways to provide circumstantial details about an activity and uses in own writing	Measurement Conceptual Understanding <i>Conversion of units and measurements allows us to make sense of the world we live in</i> <i>A range of procedures exists to measure different attributes of objects and events</i> <i>Reads and interprets scales on a range of measuring tools</i> <i>Converts among different sized standard measurement units within a given measurement systems</i> <i>Uses decimal and fractional notation in measurement for example 3.2 cm, 1.47kg</i> <i>Develops and describes formulas for finding perimeter, area and volume</i> <i>Finds volumes of solid figures by applying formulas</i>	Number Conceptual Understanding The operations of addition, subtraction, multiplication and division are related to each other and are used to process information to solve problems. Even complex operations can be modelled in a variety of ways <i>Solves real-life problems using the four operations.</i> <i>Solves problems involving money using the four operations.</i>	Introduce Filming with iPads, Export/Import film clips with Google Drive, Create and edit video in MovieMaker within library classes and inside class. Continuation of Microsoft skills 1. Creativity and Innovation a. Apply existing knowledge to generate new ideas, products or processes. b. Create original works as a means of personal or group expression. c. Use models and simulations to explore complex systems and issues. 4. Critical Thinking, Problem Solving and Decision Making. a. Identify and define authentic problems and significant questions for investigation. b. Plan and manage activities to develop a solution or complete a project. c. Collect and analyze data to identify solutions and/or make informed decisions.
WB 20 Nov	14	<i>An inquiry into: how humans use their understanding of scientific principles</i>	Communication: Speaking Research: Formulating questions Thinking: Acquisition of knowledge, Comprehension, Application, Synthesis	Materials & Matter Identify matter as everything that has mass and occupies space Identify and describe the properties and characteristics of solids, liquids, and gases Explain changes of state in matter (e.g., evaporation, condensation, solidification or freezing, fusion or melting, sublimation), and give examples of each Distinguish between a physical (reversible) change and a chemical (irreversible) change	Purpose: To provide steps or specific instructions to guide an action or behavior. Language features/Grammar Uses linking devices related to time (e.g. after then, meanwhile etc.), contrast (but, however, nevertheless etc.), cause (because, due to), and effect (therefore, as a result etc.) Contextual Understanding Plans for writing in a range of ways e.g. graphic organizers, story boards Selects appropriate publication formats to enhance audience understanding and impact	Speaking Adjusts reading strategies and chooses appropriate strategies such as self-correcting, pausing, re-reading passages and substituting, or reading on to clarify or correct to maintain meaning Skims or scans texts for appropriateness of information Identifies a variety of organizational patterns in a range of texts and explains how they help readers understand the texts Writing Describes how adverb groups/phrases and prepositional phrases work in different ways to provide circumstantial details about an activity and uses in own writing	Conceptual Understanding <i>Conversion of units and measurements allows us to make sense of the world we live in</i> <i>A range of procedures exists to measure different attributes of objects and events</i> <i>Reads and interprets scales on a range of measuring tools</i> <i>Converts among different sized standard measurement units within a given measurement systems</i> <i>Uses decimal and fractional notation in measurement for example 3.2 cm, 1.47kg</i> <i>Develops and describes formulas for finding perimeter, area and volume</i> <i>Finds volumes of solid figures by applying formulas</i>	Conceptual Understanding The operations of addition, subtraction, multiplication and division are related to each other and are used to process information to solve problems. Even complex operations can be modelled in a variety of ways <i>Solves real-life problems using the four operations.</i> <i>Solves problems involving money using the four operations.</i>	Introduce Filming with iPads, Export/Import film clips with Google Drive, Create and edit video in MovieMaker within library classes and inside class. Continuation of Microsoft skills 1. Creativity and Innovation a. Apply existing knowledge to generate new ideas, products or processes. b. Create original works as a means of personal or group expression. c. Use models and simulations to explore complex systems and issues. 4. Critical Thinking, Problem Solving and Decision Making. a. Identify and define authentic problems and significant questions for investigation. b. Plan and manage activities to develop a solution or complete a project. c. Collect and analyze data to identify solutions and/or make informed decisions.
WB 27 Nov	15	Central idea: The properties of matter can be altered as a result of physical and chemical changes.							
WB 4 Dec	16	7 th Winter Perf							
WB 11 Dec	17	Lines of Inquiry: The properties and characteristics of solids, liquids and gases Changes of state in matter Physical and chemical changes of matter Key Concepts: Form, Change Related Concepts: Transformation Learner profile: Risk-Takers Attitudes: Enthusiasm							
WB 18 Dec	18								
WB 25 Dec	19								
WB 1 Jan	20								
WB 8 Jan	21	PYP EXHIBITION	All skills	*Depends on the context of the research	Writing: INFORM, PERSUADE, REFLECT & INQUIRE Purpose: To provide steps or specific instructions to guide an action or behavior. Language features/Grammar Contextual Understanding Draws upon semantic, graphophonic, and syntactic knowledge when writing, e.g. world and cultural knowledge, linguistic features, vocabulary knowledge, text structure knowledge Selects appropriate strategies to use throughout the writing process Plans for writing in a range of ways e.g. graphic organizers, story boards Independently proofreads, edits and revises own writing Selects appropriate publication formats to enhance audience understanding and impact Explains why a particular text form may be more appropriate to achieve a purpose for an intended audience Writes for a range of purposes, both creative and informative using different types of structures and styles according to the purpose of the writing Distinguishes the different features of genres and their purpose	Listening <i>All outcomes explored</i> Speaking Plans, rehearses and delivers presentations selecting and sequencing appropriate content and multimodal elements for defined audiences and purposes, making appropriate choices for modality and emphasis Communicates in a clear, coherent manner, presenting ideas, opinions, and information in a readily understandable form Reading <i>All outcomes explored</i> Writing <i>All outcomes explored</i>	Data Handling (Transdisciplinary connection) Design a survey and systematically collect, record, organize and display the data in a bar graph, circle graph, line graph	Number Conceptual Understandings Fractions, decimals and percentages are ways of understanding whole-part relationships. <i>Converts between fractions and mixed or whole numbers</i> <i>Finds common denominators and simplifies fractions</i> <i>Adds, subtracts, and multiplies fractions</i> <i>Adds subtracts, multiplies and divides decimals to hundredths</i> <i>Compares and orders fractions and decimals to thousandths</i> <i>Converts among fractions, decimals, and percentages</i>	<i>All outcomes explored</i>
WB 15 Jan	22	Key Concepts: All Related Concepts:							
WB 22 Jan	23	Central Idea: People work together to improve the environment in which they live. Lines of inquiry: · PYP EXHIBITION							
WB 29 Jan	24								
WB 5 Feb	25								
WB 12 Feb	26								
WB 19 Feb	27								
WB 26 Feb	28								
WB 5 Mar	29	8 th PYP Exhibition							
WB 12 Mar	30								
WB 19 Mar	31	Sharing the planet		Science:	Writing to: Explain	Listening	Shape & Space	Number	Create a 3D model showing the

20 th SLC									
WB 26 Mar	32	An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things	Social skills: Resolving Conflict Communication skills: Listening, Speaking, Reading Research Skills: Formulating questions	Forces & Energy Identify and describe different forms of energy. Demonstrate how energy can be stored and transformed from one form to another. Give examples of where and how different forms of energy are used in human activity. Social Resources & the environment Debate research based implications of the uses of a variety of energy sources and forms Identify and compare energy production and storage devices Predict and justify future energy needs and technology; considering availability & environmentally conscious sustainability	Transdisciplinary Connection Purpose: To explain how something works or how something came to be Language features/Grammar Uses vocabulary to express a greater precision of meaning, and recognizes words can have different meanings in different contexts Forms cohesive texts through the use of linking devices including pronoun reference and text connectives Describes how adverb groups/phrases and prepositional phrases work in different ways to provide circumstantial details about an activity and uses in own writing Contextual Understanding Draws upon semantic, graphophonic, and syntactic knowledge when writing, e.g. world and cultural knowledge, linguistic features, vocabulary knowledge, text structure knowledge	Identifies a range of presentation strategies used in oral texts and analyses their effect on the audience Speaking Engages effectively in a range of collaborative discussions with diverse partners about topics Reading Identifies a variety of reading comprehension strategies and uses them appropriately before, during, and after reading to understand texts Demonstrates understanding of a variety of texts by summarizing important ideas and citing supporting details Identifies a variety of text features and explains how they help readers understand texts Writing Uses features of texts including table of contents, captions, page numbers, index, captions, charts and diagrams	Conceptual Understanding <i>Geometric shapes and vocabulary are useful for representing and describing objects and events in real-world situations</i> <i>Understands and uses the terms lines, rays and segments in relation to angles and shapes</i> <i>Describes the sides of a 2-D shape using terms such as parallel, intersecting, perpendicular, vertical, or horizontal</i> <i>Describes the faces and edges of a 3-D object using terms such as parallel, intersecting, perpendicular, vertical, or horizontal.</i> <i>Identifies and sort quadrilaterals according to their attributes, including rectangles, squares, trapezoids, parallelograms and rhombuses</i> <i>Identifies triangles according to their attributes such as scalene, isosceles, equilateral</i>	<i>Models ratios</i> <i>Models integers in appropriate contexts</i> <i>Models exponents and square roots.</i> <i>Estimates and makes approximations involving real-life situations and problems involving fractions and decimals</i>	environmental effects of different sources of energy. 2. Communication and Collaboration c. Develop cultural understanding and global awareness by engaging with learners of other cultures. 4. Critical Thinking, Problem Solving, and Decision Making d. Use multiple processes and diverse perspectives to explore alternative solutions. 5. Digital Citizenship a. Advocate and practice safe, legal and responsible use of information and technology. d. Exhibit leadership for digital citizenship.
WB 2 Apr	33								
WB 9 Apr	34	Central Idea: Energy may be converted, stored and used to support human activity. Lines of inquiry: Sources & forms of energy Transformation and storage of energy Human uses and applications of different forms of energy Key Concepts: Form, Causation, Reflection, Responsibility Related Concepts: Transformation Learner profile: Caring, Principled, Thinker Attitudes: Commitment, Respect							
WB 16 Apr	35								
WB 23 Apr	36								
24 th ERD									
WB 30 Apr	37	Who we are	Social: Accepting responsibility Thinking skills: Metacognition Self-Management: Informed choices, Codes of behavior	Science: Living things Identify the male and female reproductive organs/system Examine and discuss puberty changes, and discover those that are unique to one gender and those that are common to both genders Understand the responsibilities associated with the physical, social, spiritual and emotional changes of puberty Examine personal responsibilities and determine importance of balanced health practices associated with physical changes during puberty (e.g. body odour, menstruation, erections, emissions...) PSPE (Identity) Identify how their self-knowledge can continue to support the growth and development of identity. Understand the role of and strategies for optimism in the development of their own well-being. Embrace a strong sense of self-efficacy that enhances their accomplishments, attitudes and personal well-being. Analyze possible obstacles and envision solutions to add physical/emotional/social challenges related to changes of puberty	Writing to: Entertain Purpose: To entertain and provoke and emotional or empathetic response from the audience. Language features/Grammar Uses vocabulary to express a greater precision of meaning, and recognizes words can have different meanings in different contexts Selects specific nouns to add details and interest to a text, e.g. "the spaniel" is more specific than "the dog" Uses and expands noun groups/phrases and adjective groups/phrases in a variety of ways to provide a fuller description of the person, place, thing or idea Consistently uses tenses in writing to distinguish present, past or future Uses adverbs in own writing to elaborate on subject matter Recognizes and uses different types of punctuation, including full stops, question marks, exclamation marks, speech marks (dialogue) commas, colons and semi colons and knows the purpose and function of each Contextual Understanding Independently proofreads, edits and revises own writing Writes for a range of purposes, both creative and informative using different types of structures and styles according to the purpose of the writing	Listening Identifies the point of view presented in oral texts and asks questions to identify missing or possible alternative points of view. Speaking Uses appropriate words and phrases from the full range of their vocabulary including descriptive words and stylistic devices Tells a story or recounts an experience and/or event with important facts and descriptive details, adjusting for emphasis and emotion, and aiming to engage the audience Reading Uses stated and implied ideas in texts to make inferences and construct meaning. Determines the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area. Identifies various elements of style – including word choice and the use of similes, personification, comparative adjectives, and sentences of different types, lengths, and structures – and explains how they help communicate meaning Demonstrates understanding of a variety of texts by summarizing important ideas and citing supporting details Writing Uses adverbs in own writing to elaborate on subject matter	Data Handling (Probability) Conceptual Understandings Probability is based on experimental events in daily life Probability can be represented on a scale between 0–1 or 0-100%. The probability of an event can be predicted theoretically. <i>Sets up a spreadsheet using simple formulas to manipulate data and to create graphs</i> <i>Expresses probabilities using scale (0–1) or per cent (0%–100%).</i> <i>Determines the theoretical probability of an event</i>	Pattern & Function Conceptual Understandings By analyzing patterns and identifying rules for patterns it is possible to make predictions <i>Completes a function number pattern with more than one operation</i> <i>Understands the concept of a variable and begins to solve equations with addition and subtraction</i> <i>Begins to model word problems as simple algebraic expressions</i>	Research and create popplet presentations about the human body. Watch and reflect on brainpop videos relating to online citizenship and safety. 1. Creativity and innovation c. Use models and simulations to explore complex systems and issues. 4. Critical thinking, problem solving, and decision making c. Collect and analyze data to identify solutions and/or make informed decisions. 5. Digital citizenship a. Advocate and practice safe, legal, and responsible use of information and technology c. Demonstrate personal responsibility for lifelong learning.
WB 7 May	38	<i>An inquiry into: personal, physical mental, social and spiritual health</i>							
WB 14 May	39	Central Idea: Adolescence is a time of physical, mental and social change.							
WB 21 May	40	Lines of inquiry: The body systems that contribute to the physical and emotional changes of adolescence. Strategies and responsibilities for adapting to change and transition							
WB 28 May	41	Key Concepts: Function, Connection, Responsibility Related Concepts: Systems, Health, Homeostasis Learner profile: Balanced, Reflective Attitudes: Independence, Integrity							
WB 4 Jun	42								
WB 11 Jun	43								