



SARASAS EKTRA OVERVIEW AND YEAR 7 Extra Classes- Science Lecture SEMESTER 1-2015

Timeline	Content	Subtopic	Keyword
Week 1	Introduction to Science	<ul style="list-style-type: none"> Scientific Method Scientific Investigation Science Basic Skills 	Observation, Qualitative Observation, Quantitative Observation, Interfering, Measuring, Communicating, Classifying, Non- standard Measuring and standard measuring,
Week 2 Week 3 Week 4	Chapter One The Motion of an Object	<p>1.1 The Motion of an Object 1.2 The Position of an Object 1.3 The Velocity and Speed of an Object 1.4 Types of Motion</p> <div> Experiential Learning <ul style="list-style-type: none"> Learning by doing Chapter 1: Motion Engaging students through learning centered activities. Written Assessment </div>	Curved, Displacement, Dynamic, Hypotenuse, Motion, Phenomena, Position, Scalar, Speed, Static, Theorem, Trajectory, Vector, Velocity
Week 5	Experiment: Scalar and Vector Experiment: Distance and Displacement	<ul style="list-style-type: none"> Worksheets 	
Week 6 Week 7 Week 8	Chapter Two The Force to an Object	<p>2.1 What is a Force 2.2 Gravity 2.3 Resistance Force 2.4 Work and Power</p> <div> Experiential Learning <ul style="list-style-type: none"> Learning by doing Chapter 2: Force Engaging students through learning centered activities Written Assessment </div>	Acceleration, Force, Friction, Gravity, Joule, Mass, Momentum, Newton, Power, Resistance Force, Velocity, Work, Mass, Velocity

Week 9 Week 10	Chapter Three Mechanical Energy	<ul style="list-style-type: none"> • The effect of the potential energy of a falling object. • The energy of a spring • The spring at the equilibrium point. <div> Experiential Learning </div> <ul style="list-style-type: none"> • Learning by doing Chapter 3: Mechanical Energy • Engaging students through learning centered activities • Written Assessment 	Equilibrium position, Energy, Elastic potential energy, Gravitational potential energy, Kinetic Energy, Mechanical energy, Potential Energy
Week 11	Experiment: The effect of the potential energy of falling object. Experiment: The spring at the equilibrium point and when stretched out.	<ul style="list-style-type: none"> • Work Sheets • Oral Presentation 	N/A
Week 12 Week 13	Chapter Four Thermal Energy	4.1 The Transfer of the Thermal Energy 4.2 Effects of Heat Transfer on an Objects <div> Experiential Learning </div> <ul style="list-style-type: none"> • Learning by doing Chapter 4: Thermal Energy • Engaging students through learning centered activities • Written Assessment 	Absolute Zero, Boiling point, Change of state, Condensation, Conductor, Conduction, Convection, Freezing, Freezing Point, Heat, Insulator, Melting, Melting Point, Radiation, Temperature, Thermal Energy, Thermal Expansion, Vaporization.
Week 14	Experiment: 4.1 Change of State 4.2 Temperature effects of different volumes.	<ul style="list-style-type: none"> • Worksheets • Activities • Oral Presentation 	N/A

Week 15 Week 16	Chapter Five Light and Vision	5.1 Light and Vision 5.2 The Refraction of light and its Uses 5.3 Vision and Brightness <div> Experiential Learning </div> <ul style="list-style-type: none"> • Learning by doing Chapter 5: light • Engaging students through learning centered activities • Written Assessment 	Cornea, Ray of Light, Image, Incident ray, Far sightedness, Focus, Focal Length, Near sightedness, Reflection, Reflected ray, Refraction, Retina
Week 17	Experiment: 5.1 The light reflection of a flat mirror 5.2 The image made from light reflecting off object	<ul style="list-style-type: none"> • Worksheets • Activities • Oral Presentation 	N/A
Week 18	Oral Reporting	Student must report the given topic to them	N/A
Week 19	Chapter Quiz	Chapter Quiz (Chapter One to Five)	N/A
Week 20	Revisions		



Sarasas Ektra School Overview and Timeline

Grade 7-Term Overview			
	Grade 7	Mathematics	Semester 1-2015
Timeline	Contents	Sub-Topics	Keywords
Week 1 Week 2 Week 3 Week 4	Unit 1: Properties of Counting Numbers	<ul style="list-style-type: none"> Introduction of Mathematical terms from Properties of Counting Numbers Concept of Various types of Numbers Important terms Multiples Divisibility conditions The factors of numbers Factors of whole numbers Classes of numbers Using factors in Multiplication Using factors in division Prime factors Prime factors – factorize the factors Finding prime factors – the factor tree Finding prime factors using division Greatest Common Division(G.C.D) Least Common Multiple(L.C.M) 	Counting number Number line Even number Odd number Divisor Factor Multiple Factorisation Prime number Prime factor Greatest Common Divisor Least Common Multiple
Experiential Learning		<ul style="list-style-type: none"> Learning by doing-Unit 1: Factors Engaging students through learner centered activities	
Week 5 Week 6 Week 7 Week 8	Unit 2: Number System	<ul style="list-style-type: none"> Introduction of Mathematical terms from Number System Concept about Number system Integers Addition of integers Subtraction of integers Division of integers Property of integers 	Absolute Value, Division, Dividend, Divisor, Quotient, Integer, Positive integer, Negative integer, zero, Inverse number, natural number, whole number, order, ascending order, descending order, property, associative property, commutative property, distributive property
Experiential Learning		<ul style="list-style-type: none"> Learning by doing-Unit 2: Number System Engaging students through learner centered activities	
Week 9 Week 10 Week 11	Unit 3: Powers	<ul style="list-style-type: none"> Introduction of Mathematical terms from Powers Concepts of Powers 	Base Cube Exponent

Week 12		<ul style="list-style-type: none"> Operation of powers Application 	Indexes Once Power Square Scientific notation Light year Twice Volume
Experiential Learning		<ul style="list-style-type: none"> Learning by doing-Unit 3: Powers Engaging students through learner centered activities	
Week 13 Week 14 Week 15 Week 16	Unit 4: Basic Geometry	<ul style="list-style-type: none"> Introduction of Mathematical terms from Basic Geometry Points, Lines, Lines Segments, Rays and Angles Measuring angles with protractors Estimating angles Five angle rules Basic Constructions Construction Lines Bisecting a line Constructing Angles Bisecting an angles Construction of Perpendicular Lines Constructing Different Sizes of Angles 	Altitude, Angle, Acute, Adjacent, Alternate, Obtuse, Reflex, Right, Round, Vertical ,Arc ,Base, Basic construction, Bisect, Compasses, Degree, Distance, Intersect, line segment, midpoint, Parallel, Perpendicular, Polygon, protractor, Quadrilateral, Parallelogram, Rectangle, Rhombus, Square, Trapezium, Radius, Ray, Regular, Ruler, Set-Square, Triangle, Equilateral, Isosceles, Right-Angled, Scalene, Vertex
Experiential Learning		<ul style="list-style-type: none"> Learning by doing-Unit 4: Basic Geometry Engaging students through learner centered activities	

Year 7 Social Studies Overview and Timeline

Semester 1 /2015-2016

Timeline	Contents	Subtopic	Keywords
Weeks 1-5	Unit 1. Introduction to Geography Textbook Pgs 1-20	What is Geography? Maps and Compass Symbols and Colours Photographs Used in Geography The time Zones	Geography, Geographer, Eratosthenes, Maps, Compass, Cartography, Cartographer, Road map, Political map, Population map, Topographic map, Symbols, Line Symbols, Point Symbols, Area Symbols, Colours, Photographs , Landscape, Aerial, Satellite, Time Zone, Prime Meridian or Greenwich Meridian, Equator, Longitudes, Latitudes,
Weeks 6-14	Unit 2. Asia Textbook Pgs 21-41	Continents and Oceans Asian Facts Countries in Asia Asia's Geographical features Types of Climate/ Asia's Climate Influence of Climate on	Pangea, Continents, Oceans, Population, Boundaries, Country, Capital City, Physical Geography, Geographical Features, Mountain Ranges, Rivers,

		Vegetation Growth Asia's Natural Vegetation Asia's Natural Resources	Volcanoes, Desert, Plateau, Climate, Polar Regions, Temperate Regions, Tropical Regions, Vegetation, Grassland, Forest, Coniferous Forest, Deciduous Forest, Tundra, Ice cap, Natural Resources
Weeks 15-17	Unit 3. Australia and New Zealand Textbook Pgs 42-60	Australian facts Overview of Australia Australia's Timeline Australia's Climate/Vegetation New Zealand facts Overview of New Zealand New Zealand Timeline New Zealand Climate and Vegetation	Aborigines, Territory, Outback, Station, Marsupials, Boomerang, hummock grasslands, Eucalypt woodland, Acacia woodlands and shrublands, Tussock grasslands, Chenopod/samphire shrubs, Tropical rainforest, Maori, Strait, Beech Forest, Podocarp/broadleaf forests,

Overview and Timeline**Year:****Gr. 7 English****Semester: 1 (2015)****Teacher: Mr. Mike**

Timeline	Contents	Subtopic	Keywords
Week 1	Introductory Activities Choral Speaking Begin Un 1, R&W	Reading tests to ascertain Reading Levels Write/explain re "Editing Symbols" to help their writing. House Jack Built—Begin, will be a Speaking Assessment Work on Eng. Notebook covers. --Speaking Eng/Act: Mostly choral. Start Indi. Next week	Cover page, editing, choose, tradition, generations, relatives.
Week 2	--First Fiction activity. --Non-Fiction --Family Tree --HJB	--Read "Super-Hero Story"; discuss; do comp questions. --R & W: Read "Naming Round World" Activities pg. 8 --Discuss/create family tree of 3 generations (pg. 7) --Scanning activity, pg. 8-9. --Assess next week. Groups of 4. Practice	Super-hero, African-American, popular, family tree, scanning Assessment
Week 3	--2 nd Short Story, "The Wishing Tree" --Divide into groups for play. /L & S alphabetizing ----HJB (Assess)	--Handout, read, discuss, do comp. questions. --Intro. Speaking Assessment. Ss will divide into groups and learn the script I provide for this play. --Rehearse in class. --Do L & S activity pg 7-9, if we have CD and player. --HJB in groups of 4 for Speaking Assessment # 1.	Wish, Stage Left, Right, Downstage, Upstage
Week 4	--Begin Novel, <u>Tom Sawyer</u> , all classes. Ch. 1-2. --Finish FameTrees. --R&W --Rehearse W.T	--Discuss time period; T. reads and Q & A with Ss. --Ss complete comp. questions, per examples on "how" --Finish Family Trees on A-4 paper. --Speak activity with alphabet game. Do R & W pp 14-15. --Ss work in groups learning lines. T. introduces how to stand on stage, etc.	orphan, steamboat, Mississippi River, "tricked/played a trick" Opinion --Play vocab as above
Week 5	Vocab Test <u>Tom Sawyer</u> Ch. 3-4 L & S pp 12-13 --Rehearse W.T	T. gives vocab test in back of NB based on Wks 1-4. --TS: Rd. Ch. 3-4; Emphasize how Tom is silly. Comp. questions. --R & W: Proper Nouns and capitalization	Church, sermon, beetle, minister, warts, grave, graveyard, "do the right thing." Proper nouns,

Week 6	--TS, Ch. 5-6 --Begin "My Family" essay. --Rehearse W.T	Rd/discuss Chs. Comp questions in notebook. Intro. Essay-writing. Encourage Ss to talk to parents. Remind about family trees we did. . 1 st Draft, 2 nd draft. Ss begin in notebook and finish first draft by next week.	clever, doorknob, Introduction, Body, Conclusion, edit, editor, Anecdotes.
Week 7	--TS Ch. 7-8 --Essays. --Rehearse WT. --Vocab test	--Read/discuss. Only 1 question on each chapter. --Ss work on essays, see T. when finished. T. collects NBs to edit 1 st Draft. Tell Ss about A-4 and colored paper for final copies to make a little booklet. --last week of rehearsal. Plays next week. --2 nd vocab test. Alert that short quiz on TS next week.	"written in blood", murder, sheriff, trial
Week 8	Wishing Tree Tom Sawyer quiz Essays—Begin Final drafts. R & W Listening Assessment1	--Do the plays for Speaking Assessment # 2. --TS review quiz as part of revision. --Ss work on final drafts on A-4 and do cover. --pp 18 to 20, R & W, regarding Present tense. --review of previous words --teacher reads 10 short items and asks a question on each.	All words are reviewed in "game-style" speaking activities.
Week 9		Note: We have not been told when are Thai Mid-terms, so Week 8 work may be here, if exams are in Week 8.	
Week 10	TS 9-10 Essays Listening/Speaking	-- Read and emphasize how Tom can be "bad" but is also clever and will always "do the right thing." --Ss continue to work on final copies. Due next week in the booklet format. (Note: this can be extended, if problems) --L & S pg. 14-15: Do orally as group. Finish top of pg. 16	Pirates, buried treasure, drown(ed), funeral, trial, judge, guilty. affirmative/negative

Week 11	L & S Vocab Vocab test TS Ch. 11	--Answering questions. Listen to CD track 9-11. Ss speak individually and chorally with T. emphasizing tone. --Review vocab test of all weeks, emphasis on last two. --TS. Read, emphasize IJ is a villain. Q & A in NBs.	--tone, haunted, buried treasure, shovel, revenge, villain.
Week 12	TS Ch. 12 R & W, Unit 2	--TS: Emphasize how mothers think of Huck; how Tom is always "doing the right thing" to take care of friends. --R & W: pp 26-30. Getting a Career. Go over vocab. Ask students what they want to do in life. Go over vocab. Ss read/take "career test" and we discuss. Do/disc pg. 30	--picnic, candles, bats, tunnel, career, job(difference), success.
Week 13	TS Ch. 13 L & W, Unit 2	Emphasize how Tom takes care of Becky and how she becomes stronger. Answer comp questions. Do as class vocab pg. 27 to prepare for Listening. Listen to tracks 13/14 and do the activities pg. 28. Discuss the ideas. Do activity "Right Person" pg. 30-31. If time, Listening 2.	Basic things, requirement, employer/employee, college degree, compare, contrast
Week 14	TS Ch. 14 L & W Unit 2	-Emphasize how Huck does the right thing and is a hero. How Tom does the right thing at the end of the chapter. -Finish pg. 31-32 and discuss re job. Do vocab skill, "Using Dictionary pp 32-33. --Orally and writing: pgs. 34-36 re speaking past tense. --emphasize pronunciation of PT verbs.	Past tense, pronunciation, require, clarification
Week 15	TS. Ch. 15 R & W 2	Finish Ch. 15. Place a time line the Ss do with a partner of 15 events in the novel. Do review exercises @ back of novel. Pp. 31: Vocab; Read/Discuss "World of Work pg. 32-33. In groups (10 minutes) Do pg. 34 and report back to class. Pg. 35-38 discuss, do the writing activities re vocab and using complete sentences.	hero, duty, flexible, tour, word forms.

Week 16	Choral Speaking Listening Test R & W pp 39- 40	--Group activity with "There's a Spider in the House." Ss listen to what story teacher reads about himself at age 10, and then answer 10 M/C questions. (Assessment) --Discuss w/class "What is important in job?" pg. 39 --pg. 39-40. Work alone then do pg. 40 w/ partner	Arachnid, phobia. Edit, editing, editor.
Week 17	Tom Sawyer Finishing up	On A-4 paper, draw a black and white cartoon of one of the chapters. At least four frames. Because of several as yet unscheduled activities during term, this week will be dedicated to finishing up all activities in which we are behind.	Cartoon, frames, dialogue balloons, text box.

Overview and Timeline**Year :7Semester: 1 (2015)****Teacher: Mr. Meng**

Timeline	Contents	Subtopic	Keywords
Week 1	Introduction of class conduct for Chinese	Introduction of class conduct for Chinese	
Week 2	Explanation of Class rules ,Students introduction and basic test	Explanation of Class rules ,Students introduction and basic test	
Week 3	Facial Features.	Facial Features.	头发眼睛眉毛 鼻子耳朵嘴巴
Week 4	Rhyme - Doll	Rhyme - Doll	脸牙 黄绿红 说话
Week 5	《My body 》	My body	头腿脚尾巴
Week 6	Rhyme - My little hands can speak	Rhyme - My little hands can speak	小手说
Week 7	《 He is singing 》	He is singing	唱歌跳舞看书 功课听
Week 8	Rhyme - Lets learn Chinese	Rhyme - Lets learn Chinese	做在音乐 画画儿

Week 9	《They are playing games 》	They are playing games	跑步跳皮筋儿 早操游戏
Week 10	Rhyme - Exercise is good for health	Rhyme - Exercise is good for health	踢足球拍皮球 会玩儿
Week 11	Review lesson 1-3	Review lesson 1-3	
Week 12	Review lesson 4-5	Review lesson 4-5	
Week 13	Vocabulary dictation	Vocabulary dictation	
Week 14	Reading test	Reading test	
Week 15	Speaking & Listening test	Speaking & Listening test	
Week 16	Writing test	Writing test	
Week 17	Review lesson 1 - 5	Review lesson 1 - 5	



Sarasas Ektra School
Overview and Timeline

Semester 1/2015

Teacher: Mr. Yukiya Okura **Year:** 7 **Subject:** Japanese

Timeline	Contents	Subtopic	Keywords
Week 1	Minnano Nihonngo 1 – Introductory - Alphabets – ひらがな and カタカナ。 Fill in the blank exercise and speaking exercise.	<ul style="list-style-type: none"> - Self-introduction and class rules - When do you use hiragana - When do you use katakana - What is your nickname or Japanese name? - Have you been to Japan? 	<ul style="list-style-type: none"> - Yes/ No I Have/ have not been to Japan. - My other name is ...
Week 2 - 5	Minnano Nihonngo 1: 1.Greetings (P.11 – 13 & P.25) 2.Weather Report (Prepared myself) 3.Telling the time (P.52 & 60 – 62) 4.Asking for and providing directions (Lesson 3 P. 38 and 66-68)	<ul style="list-style-type: none"> - Introducing him/her. - Today is ... - It is ..., I will need to ... at ..., I have already ... at... - How do I get to...Where are we? 	<ul style="list-style-type: none"> - Nice to meet you, best regards to you, it's a pleasure to meet you. - Hot, Cool, Rainy, Sunny, Cloudy, Dry, wet, windy, spring, summer, autumn and winter. - ___'o clock. Morning, noon, afternoon, evening, night time. - Go straight, turn left, right – school, toilet, _____shop, mall, elevator, etc.
Week 6 – 9	Minnano Nihonngo 1: 1. Accepting and declining offers and favors 2. Likes and dislikes 3. School Life 4. What I want to do this weekend	<ul style="list-style-type: none"> - Yes I'd be more than happy to. No unfortunately I will not be able to. - I like/ dislike _____ I prefer _____ over _____ because _____ - At school I like learning _____, I dislike learning _____, today's schedule is _____. - This weekend I would like to/ will _____. 	<ul style="list-style-type: none"> - Of course, sorry. - Types of fruits, vegetables, sports, entertainment, colors, etc. - School subjects. - Leisure activities on the weekend – with either the word go or –ing.

Week 10 - 13	Minnano Nihonngo 1: 1. When I grow up 2. Adjectives 3. Nouns of the city 4. Action verbs	<ul style="list-style-type: none"> - In the future/ my dream is to become/ when I grow up I would like to be a. - He/she is _____ then her, I am _____ then you. - This is a _____ located in the central, north, south, east, western area of the city. - I _____ed him/ her/ it/ them. 	<ul style="list-style-type: none"> - All types of occupations; nurse, doctor, soldier, psychologist, firefighter, police, singer, artist, architect, etc. - Nice, calm, outgoing, shy, strong, weak, smart/ intellectual, bigger, smaller, etc. - The mall, hospital, dentist, school, park, immigration office, market, apartment, airport, train station, etc. - Like, hate, want, need, hear, wish, realize, believe, taste, promise, imagine, etc.
Week 14 - 16	Minnano Nihonngo 1: 1. Emotions 2. Express yourself with a reason. 3. Japanese myths and fictional creature.	<ul style="list-style-type: none"> - He/she/ it is feeling _____. - Today I feel _____, yesterday I felt _____. - Because _____. - The stories of youkais 	<ul style="list-style-type: none"> - Angry, sad, disappointed, irritated, happy, jealous, surprised, confused, etc. - My friend lied to me, my pet past away, my grades were not what I expected, my friends were being loud, I received a nice present, my friend got a better grade then I did, etc. - Kappa, tenngu, kuchisake onna, nurikabe, etc.
Week 17	Final examination (comprehension, reading and writing).		