

Vocabulary (Semester 1 / 2018)

Subject: ENGLISH Year: 9

Week	Vocabulary	Part of speech	Definition	Example Sentence	Thai translation
1	1. Recover	Verb	To become well again. To get better.	He is recovering from a knee injury.	ฟื้นตัว
	2. Surround	Verb	To be all around.	The island is surrounded by water.	ล้อมรอบ
	3. Shore	Noun	Section of land bordering water.	I went to the beach and walked down by the shore.	ชายฝั่ง
2	1. Shelter	Noun	Place giving protection (usually from danger or bad weather).	The hut sheltered him from the cold wind.	ที่หลบภัย
	2. Nod	Verb	Lower and raise one's head slightly and briefly, especially in greeting, assent, or understanding.	She nodded to me that she understood	พยักหน้า
	3. Rub	Verb	To apply pressure with movement.	She rubbed sun lotion over her entire body.	ถู, นวด, ถูบ
3	1. Flood	Noun	Overflow of a large amount of water.	The river is in flood, water has flowed over its banks.	น้ำท่วม
	2. Swirl	Verb	To flow in circles.	A tornado moves across the earth in a swirl.	หมุน
	3. Goal	Noun	The result or achievement toward which effort is directed; aim; end.	His goal was to become a famous actor.	จุดมุ่งหมาย

4	1. Tolerance	Noun	Open attitude toward people whose race, religion, practices, etc., are different from one's own.	Tolerance toward the beliefs of others.	ความใจกว้างในการยอมรับความต่างของผู้อื่น, ความอดกลั้น
	2. Gather	Verb	To collect several things, often from different places or people.	They gathered as many eggs as they could from the nests.	รวบรวม
	3. Reach	Verb	To get to, to arrive at.	The train reached the destination on time.	ไปถึง, มาถึง
5	1. Distinctive	Adjective	Having a special quality, style, attractiveness, etc.; notable.	The zebra's distinctive stripes.	มีลักษณะพิเศษ, เด่น
	2. Sore	Adjective	Hurting when used or touched (throat or muscles). It's a low level pain, often in a joint.	Her throat was sore and she was sneezing and coughing.	เจ็บปวด
	3. Earn	Verb	To receive in return for one's labor or service.	To earn a living as a waiter.	ได้รับรายได้
6	1. Prove	Verb	To establish the truth, genuineness, or validity of something.	She proved to me that she was not the one spreading gossip.	พิสูจน์
	2. Responsibility	Noun	The state or fact of being responsible.	The responsibilities of being a father.	ความรับผิดชอบ
	3. Patient	Noun	One under medical care or treatment.	The patients in this ward all have cancer.	ผู้ป่วย
7	1. Wonder	Verb	To be curious to know. To ask yourself.	She wondered if she passed her exam.	รู้สึกสงสัย
	2. Anniversary	Noun	The date of an important past event that is celebrated or reminded every year.	Today is the 40 th anniversary of my parents' wedding.	วันครบรอบปี
	3. Crawl	Verb	To move slowly with the body close to the ground.	The snake crawled through the grass.	คลาน

Vocabulary (Final-Semester 1/2018)

Subject: Health education		Year: 9			
Week	Vocabulary	Part of speech	Definition	Example Sentence	Thai translation
12	1. Abstinence	Noun	Choosing not to engage in any risky behavior.	Abstinence in sex is a good thing.	การละเว้น, การงด
	2. Resistance	Noun	The skill to firmly say no to an action.	Resistance is a good skill to practice.	การต่อต้าน
	3. Fertility	Noun	The potential to reproduce.	Fertility can be controlled.	ภาวะเจริญพันธุ์
13	1. Illegal	Adjective	Things or actions against the law.	Taking prohibited drugs is illegal.	ซึ่งผิดกฎหมาย
	2. Voluntarily	Adverb	Willingness to do something.	Sex is done voluntarily.	โดยสมัครใจ
	3. Premature	Adjective	Before the right time.	A baby that is born a month before the right time is called a premature baby.	ก่อนเวลาอันควร
14	1. Abuse	Verb	treat (a person or an animal) with cruelty or violence, especially regularly or repeatedly.	Teenage babies are prone to abuse.	ละเมิด, กระทำทารุณ, ข่มเหง
	2. Neglect	Verb	Fail to care for properly.	Some students in the classroom are neglected by their parents.	ละเลย
	3. Contraception	Noun	The deliberate use of artificial methods or other techniques to prevent pregnancy	There many contraception methods available nowadays.	การคุมกำเนิด
15	1. Disease	Noun	a disorder of structure or function in a human, animal, or plant.	Diabetes is a serious disease.	โรค

	2. Retention	Noun	Failure to eliminate a substance from the body.	A bloated bladder is usually caused by fluid retention.	การคั่งของของเสียในร่างกาย
	3. Chronic kidney disease	Noun	A long-term disease of the kidneys.	That person has a chronic kidney disease.	โรคไตเรื้อรัง
16	1. Hypothyroidism	Noun	Abnormally low activity of the thyroid gland, resulting in retardation of growth and mental development in children and adults.	Some people are mentally retarded because of hypothyroidism.	ภาวะขาดไทรอยด์ (ฮอว์โมน)
	2. Diabetes	Noun	A disease in which the body's ability to produce or respond to the hormone insulin is impaired.	She has diabetes.	โรคเบาหวาน
	3. Immunity	Noun	The ability of an organism to resist a particular infection or toxin by the action of specific antibodies or sensitized white blood cells.	Her immunity is low compared to her sister.	ภูมิคุ้มกัน
17	1. Symptom	Noun	A physical or mental feature that is regarded as indicating a condition of disease.	She is showing symptoms of high blood pressure.	อาการโรค
	2. fatigue	Noun	Extreme tiredness, typically resulting from mental or physical exertion or illness.	Too much of exercise can also cause fatigue.	ความเมื่อยล้า
	3. Insulin	Noun	A hormone produced in the pancreas by the islets of Langerhans that regulates the amount of glucose in the blood.	A diabetic person has very low insulin level in their blood.	ฮอว์โมนอินซูลิน

Vocabulary (Final-Semester 1/2018)

Subject: Science		Year: 9			
Week	Vocabulary	Part of speech	Definition	Example Sentence	Thai translation
12	1. Particle	Noun	a minute portion of matter.	Matter is made of particles called atoms.	อนุภาค
	2. Atom	Noun	Basic structure of matter.	Atoms can't be seen by the naked eye.	อะตอม
	3. Subatomic particle	Noun	a particle smaller than an atom	There are 3 subatomic particles in an atom.	อนุภาคย่อยของอะตอม
13	1. Electricity	Noun	The motion of electrons.	Electricity can be dangerous.	ไฟฟ้า
	2. Electrons	Noun	Negatively-charged particle.	Electrons can flow freely.	อิเล็กตรอน
	3. Protons	Noun	positively-charged particle.	Protons are found in the nucleus of an atom.	โปรตอน
14	1. Insulator	Noun	Materials that won't let electricity pass through them easily.	Rubber is an example of insulator.	ฉนวน
	2. Conductor	Noun	Materials that will electricity pass through them easily.	Copper is an example of a conductor.	ตัวนำไฟฟ้า
	3. Semiconductor	Noun	a solid substance that has a conductivity between that of an insulator and that of most metals.	Silicon is an example of semiconductor.	สารกึ่งตัวนำ
15	1. Current	Noun	The rate of flow of charges.	The current surged through the transformers.	กระแส
	2. Voltage	Noun	The potential difference	An AA battery has low	แรงดันไฟฟ้าที่มีหน่วย

			across two points or the electrical energy supply needed to move each unit of charge.	voltage.	เป็น โวลต์
	3. Resistance	Noun	The property of a material that resists the flow of electric current through it.	A rubber has a great resistance to electricity.	ความต้านทาน, แรงต้านทาน
16	1. Series circuit	Noun	Electrical components are connected end to end following one electrical path to the ends of the dry cell.	Series circuit can be used as lining in a small house.	วงจรไฟฟ้าแบบอนุกรม
	2. Parallel circuit	Noun	The electrical components are connected side by side following two or more electrical paths to the ends of the dye cell.	Parallel circuit can be used in the mall.	วงจรไฟฟ้าแบบขนาน
	3. Resistor	Noun	The equipment that controls the level of currents and voltages in order for the other component to work properly.	A lamp is a good resistor.	ตัวต้านทานกระแสไฟฟ้า
17	1. Diode	Noun	The device that allows the current to flow through it in one direction only.	A diode has many types.	ไดโอด
	2. Transistor	Noun	The device that is used to magnify or amplify signals.	Big transistor can amplify large amounts of electricity.	ทรานซิสเตอร์
	3. Fuse	Noun	A safety device and every electrical appliance should have a fuse.	A fuse must be always attached in every device.	ฟิวส์

Vocabulary (Final-Semester 1/2018)

Subject: Social Studies			Year 9		
Week	Vocabulary	Part of speech	Definition	Example Sentence	Thai translation
1	1. enlightenment	Noun	<p>- the state of having knowledge or understanding</p> <p>- the act of giving someone knowledge or understanding</p> <p>- Buddhism: a final spiritual state marked by the absence of desire or suffering</p>	The man's search for spiritual enlightenment led him to the monastery.	การตรัสรู้, การรู้แจ้ง
	2. encourage	Verb	To give somebody support, courage and hope	She would have to be very careful to encourage him without making him feel guilty.	ส่งเสริม, สนับสนุน, เกื้อหนุน
	3. shrine	Noun	A place where people come to worship because it is connected with a holy person or event.	Shrines and temples line the bank of the river.	หิ้งบูชา, ศาลเจ้า, ปูชนียสถาน
	4. persuade	Verb	To make somebody to do something by giving them reasons for doing it.	He had the courage to step forward and take chances, and the ability to persuade others to follow.	โน้มน้าว, ชักจูง, เกี้ยว絡
	5. solitude	Noun	The state of being alone, especially when you find this pleasant.	He enjoyed the peace and solitude of the woods	ความสันโดษ, ความอ้างว้าง
2	1. ennoble	Verb	to elevate in degree, excellence, or respect; dignify; exalt	It was on such occasions that the man of intellect revived to ennoble and illumine everything.	ทำให้มีเกียรติ, มอบตำแหน่งอันมีเกียรติให้
	2. egotist	Noun	A conceited, boastful person.	Ray is an egotist .	คนเห็นแก่ตัว, คนอวดดี, คนทะนงตน
	3. Buddhism	Noun	A religion and dharma that encompasses a variety of traditions, beliefs and spiritual practices largely based on teachings attributed	The religion of Cambodia is Buddhism .	พุทธศาสนา

			to Gautama Buddha.		
3	1. karma	Noun	(Hinduism, Buddhism) the principle of retributive justice determining a person's state of life and the state of his reincarnations as the effect of his past deeds	John's bad luck proves karma is paying him back for his misdeeds.	กรรม, ผลจากการกระทำ
	2. concept	Noun	An idea of something formed by mentally combining all its characteristics or particulars; a construct.	The flaws in the design concept have made the building unstable.	ความคิดรวบยอด, ความเข้าใจ
	3. suffering	Noun	The state of a person or thing that suffers.	He was suffering physically at that moment, there was a weight on his chest and he could not breathe.	ความเจ็บปวด, ความทุกข์ทรมาน
4	1. Samudaya	Noun	The cause of suffering or and desire.	Samudaya is what one should control or drop.	สมุทัย
	2. Nirodha	Noun	The end of suffering	Nirodha is the ultimate dream of Nat to achieve.	นิโรธ
	3. Magga	Noun	The way to end the suffering.	Magga is what one should follow and practice.	มรรค
5	1. Buddha	Noun	a person who has achieved a state of perfect enlightenment	The core teaching of Buddha emphasizes doing good, avoiding bad, and purifying the mind.	พระพุทธเจ้า
	2. Dharma	Noun	(Buddhism) ideal truth as set forth in the teaching of Buddha	Dharma is the ultimate purpose that is working in our self.	ธรรมะ
	3. Sangha	Noun	A community of Buddhist practitioner.	The sangha are spiritual friends.	พระสงฆ์
6	1. disciple	Noun	One who embraces and assists in spreading the teachings of another.	Peter is one of the disciples of Christ.	สาวก, ผู้ติดตาม
	2. precept	Noun	A rule or principle prescribing a particular course of action or conduct.	In order to be a good parent, you must lead by precept so your kids will view you as a role model.	ศีล, คำสั่งสอน
	3. servant	Noun	One who is privately employed to perform domestic services.	John is the servant of Jesus Christ.	ผู้รับใช้

Vocabulary (Final-Semester 1/2018)

Subject: Mathematics		Year: 9			
Chapter	Vocabulary	Part of speech	Definition	Example Sentence	Thai translation
3	1. Scale drawing	Noun	A drawing of an object which is in proportion to the actual dimensions of the object	The scale drawing of this building is accurate	รูปวาดตามมาตราส่วน
	2. Scale factor	Noun	The ratio of the corresponding sides of two geometric figures.	1:2 is the scale factor of shape A to Shape B	อัตราส่วนที่คงที่ ของสิ่งสองสิ่งใด ๆ ที่คล้ายกัน
	3. Similar shapes	Noun	Shape that are the same in angles but different sizes	Shape A is similar to Shape B because they both have angles measuring 90 degrees	รูปทรงคล้าย
	4. Congruent shapes	Noun	Solids that are the same in shape and size	Prove that these shapes are congruent	ทรงตันที่เท่ากันทุกประการ
	5. proportional	adjective	When shape/quantities have same relative size	Shape A is proportional to shape B	ที่เป็นสัดส่วน
	6. Ratio	Noun	Relative sizes of two or more shapes	Write the ratio of boys to girls in the class	อัตราส่วน
4	1. Linear	Noun	An equation between two	$Y=mx + b$	สมการเชิงเส้น

	equations		variables that gives a straight line when plotted		
	2. Variables	Noun	Symbols for numbers we don't know yet	$3x + 7y = 5$, x and y are variables	ตัวแปร
	3. Constant	Noun	A number on its own, or it could be letters, a, b, c, which stands for a fixed number	$3x + 7y + 4 = 5$, 4 and 5 are constants	ค่าคงตัว
	4. Coefficient	Noun	A number used to multiply a variable	$Y = 3x + 4$, 3 is the coefficient of x.	ค่าสัมประสิทธิ์
	5. Equation	Noun	An equation says that two things are equal. It will have an equal sign	$X + 2 = 6$	สมการ
	6. Expression	Noun	An expression is a group of terms separated by a plus (+) or minus (-) sign	$4x + 7$	นิพจน์
	7. Term	Noun	A term is either a single number or variables multiplied together	$4x, 7$, etc.	พจน์
	8. Substitution method	Noun	A strategy for solving systems of equations that include solving for one variable and using that solution to find the other variable.	$2x + 3y = 2$ $X + 2y = 3$, find x in terms of y from $x + 2y = 3$ as in $X = 3 - 2y$.	วิธีเปลี่ยนตัวแปร
	9. Elimination	Noun	The elimination method of solving systems of equations is also called the addition method. To solve a	$ \begin{array}{r} 2x + 3y = 20 \\ + \quad -2x + y = 4 \\ \hline 0 + 4y = 24 \\ 4y = 24 \\ \textcircled{y = 6} \end{array} $	การกำจัด

			system of equations by elimination we transform the system such that one variable "cancels out"		
5	1. Linear inequality	Noun	This is an inequality which involves a linear function.	$3x < 7+3$	อสมการเชิงเส้น
	2. Inequality	Noun	A mathematical statement that compares two quantities using $<$, $>$, \leq , \geq or \neq	$5 > 3$, five is greater than three	อสมการ
	3. Solution of an inequality	Noun	A value or values that make an inequality true	What is the solution of an inequality $4x + 2 < 5$	ผลเฉลยของอสมการ (คำตอบของอสมการ)
	4. Equivalent inequalities	Noun	Inequalities that have the same solution		อสมการที่สมมูลกัน
	5. Compound inequalities	Noun	Two or more inequalities that are connected by words And or Or	$x > -1$ and $x < 2$ or as $-1 < x < 2$.	อสมการประกอบ
	6. Absolute value inequality	Noun	An inequality that includes an absolute value.	$ ax+b < c$, where $c > 0$	อสมการค่าสัมบูรณ์