

**Vocabularies****English****Year 8**

Chapter	Words	Part of speech	Definition	Example sentence	Thai translation
Novel Ch 9					
1	Determined	Adjective	Displaying resolve	She is a determined little girl	ใจมั่นคง, หนักแน่น
2	Royalist	Adjective	Giving support to the monarchy	He supported the king against parliament	ผู้ให้การสนับสนุน พระมหากษัตริย์
3	Article	Noun	A piece of writing	A controversial article appeared in a newspaper	บทความ
4	Traitor	Noun	A person who betrays	He was a traitor to his country	คนทรยศ
5	Bankrupt	Adjective	Unable to pay outstanding debts	He was declared bankrupt for missing payments	ล้มละลาย
6	Public	Noun	People/the community	The government kept the news from the public	สาธารณะ
7	Potion	Noun	A magical liquid	He would fall in love with her if he drank the liquid	ยาเสน่ห์
8	Coffin	Noun	A narrow box for a corpse	He was buried in a coffin	โลงศพ
9	Court	Noun	A tribunal presided over by a judge	He was sentence for his crimes in court	ศาล
10	Committed	Adjective	Dedicated to something	He committed himself wholeheartedly to the task	มุ่งมั่น, ทุ่มเท
<b>Novel :Ch 10</b>					
1	Depressed	Adjective	A state of unhappiness	He became depressed after his team lost the cup final	ซึมเศร้า, ทุกข์
2	Grave	Noun	A place of burial	He went to a watery grave	สุสาน
3	Bitter	Adjective	Feeling angry/hurt/resentful	He felt bitter towards her after the argument	โกรธ, ขมขื่นใจ, เจ็บหัวใจ
4	Terror	Noun	Something causing extreme fear	The child was terrified of the dark	ความหวาดกลัว
5	Raised	Adjective	More intense or stronger	There were loud voices head from across the field	เพิ่มมากขึ้น, ยกขึ้น

6	Remind	Verb	Cause someone to remember something	Remind him of the meeting	เตือนความจำ
7	Pray	Verb	A deity used for worship	He prayed every morning asking his god for strength	สวด, อธิษฐาน, อ้อนวอนถึงพระเจ้า
8	Funeral	Noun	A ceremony honoring a dead person	The funeral will be held on Saturday	พิธีศพ
9	Dock	Noun	A place for ships to moor	The ship sailed into dock	ท่าเรือ
10	Kidnapped	verb	To take away by force	She was kidnapped and ransomed	ถูกลักพาตัว

### English in Mind Ch 11

1	Disease	Noun	An illness or sickness	A disease swept through the community	เชื้อโรค
2	Doctor	Noun	A qualified medical practitioner	If you are sick, go see the doctor	หมอ
3	Ache	noun	Prolonged dull pain	He suffered from headaches	ความเจ็บ, ปวด, ปวดเมื่อย
4	Vertebra	Noun	Small bones forming your spine	The paleontologist was sure the fossilized vertebra was from the Cretaceous	กระดูกสันหลัง
5	Antiseptics	Noun	A compound or mixture	Her mum wiped antiseptic cream onto her skin	ยาฆ่าเชื้อโรค
6	Courage	Noun	Strength in the face of pain or grief	The doctor showed courage amidst the pandemic	ความกล้าหาญ
7	Volunteer	Noun	Someone who freely offers their time	The children volunteered to help with the Christmas show at the weekend	อาสาสมัคร
8	Organization	Noun	A body of people with a particular purpose	UNICEF is an organization dedicated to helping children	องค์กร
9	Famine	Noun	Extreme scarcity of food	The famine was severe in Ethiopia	ความอดอยาก
10	Pathogen	Noun	A virus/bacterium that can cause disease	Ebola is one of the most frightening pathogens around	เชื้อโรค

English in Mind: Ch 12					
1	Content	Noun	Information on a website	For a quick reference he looked at the content table	เนื้อหา
2	Browser	Noun	A program with a graphical user interface	She saved the browser site for future use	โปรแกรมใช้ท่องเน็ต, โปรแกรมแสดง รายละเอียดข้อมูล
3	Search Engine	Noun	A program that searches a database	Google is a very popular search engine	โปรแกรมในการค้นหา
4	Chat room	Noun	An area on the internet	She visited a chat room to frequently talk with her friends	ห้องสนทนา
5	Provider	Noun	A person or thing that provides something	The internet provider allowed access to popular sites	ผู้จัดหา
6	Don't judge a book	Phrase	Be informed before making decisions	Don't jump to conclusions based on looks	รับทราบก่อนตัดสินใจ
7	USB (Universal Serial Bus)	Noun	A device to attach to a computer	A USB is handy for storing information	อุปกรณ์เก็บ ข้อมูลคอมพิวเตอร์ ขนาดพกพา
8	Network	Verb	A computer system	They communicated via a social network	ระบบเครือข่าย
9	Plug-in	Noun	A module/software	To play the game, you need to download the plug-in	โปรแกรมเสริม
10	Web	noun	A complex system of interconnected elements	She thought the World Wide Web one of the best inventions ever!	เว็บ, ระบบซับซ้อนที่ เชื่อมต่อกัน

VocabulariesMathYear 8

Chapter	Words	Part of speech	Definition	Example sentence	Thai translation
rational and irrational numbers					
1	Real number	Noun	Positive or negative, large or small, whole numbers or decimal numbers are all Real Numbers.	They are called "Real Numbers" because they are not Imaginary Numbers.	จำนวนจริง
2	Imaginary number	Noun	A number that when squared gives a negative result	the symbol of imaginary number is i, or j.	จำนวนเชิงซ้อน
3	Rational number	Noun	A number that can be made by dividing two integers. (Note: integers have no fractions.)  The word comes from "ratio".	1/2 is a rational number (1 divided by 2, or the ratio of 1 to 2)	จำนวนตรรกยะ
4	Irrational number	Noun	A real number that can NOT be made by dividing two integers. (Note: integers have no fractions.)  The decimal goes on forever without repeating.	Pi is an irrational number.	จำนวนอตรรกยะ
5	Expanded Notation	Adjective phrase	Writing a number to show the value of each digit.	Expanded form is shown as a sum of each digit multiplied by its matching place value (units, tens, hundreds, etc.)	สัญกรณ์ขยาย (สมบัติการกระจาย)
6	Exponent	Noun	The exponent of a number says how many times to use that number in a multiplication.	What is the exponent form of 64?	เลขยกกำลัง
7	Factor	Noun	The whole numbers that are multiplied to get a product.	2, 2 and 1 are the factors of 4	ตัวประกอบ
8	Prime Number	Noun	A Prime Number can be divided evenly only by 1, or itself. And it must be a whole number greater than 1.	5 can only be divided evenly by 1 or 5, so it is a prime number.	จำนวนเต็ม ที่ไม่เท่ากับ 0

9	Exact	Adjective	precise or accurate	The blackmailers exacted a total of \$100,000 from their victims.	แน่นอน
10	Identify	Verb	to establish the identity of somebody or something	Even the smallest baby can identify its mother by her voice.	จำแนก, แยกแยะ
Pythagoras' theorem					
1	Pythagoras' Theorem	Noun	The square of the hypotenuse of a right angle triangle is equal to the sum of square of the other two sides	We have to learn Pythagoras' Theorem in grade 8.	ทฤษฎีพีทาโกรัส
2	Perpendicular	Adjective	Intersecting at or forming right angles.	The wall was leaning at an angle of ten degrees to the perpendicular.	ตั้งฉาก
3	Base	Noun	The lowest or bottom part	Draw a perpendicular from the vertex of the triangle to its base.	(ส่วน, ด้าน)ฐาน
4	Hypotenuse	Noun	The side of a right triangle opposite the right angle which is the longest side	The hypotenuse is longest side of any triangle that has one angle of 90°.	ด้านยาวที่สุดของสามเหลี่ยม
5	Triangle	Noun	a closed plane figure having three sides and three angles.	Triangle can be anything that has three straight sides and three angles.	สามเหลี่ยม
6	Converse	Verb	Reversed, as in position, order, or action; contrary or opposite	However, the converse of this theory may also be true.	กลับกัน, ตรงกันข้ามกัน

**Vocabularies****Science****Year 8**

Chapter	Words	Part of speech	Definition	Example sentence	Thai translation
Chapter 4: Coordination and Responses					
1	Stimuli	Noun	A thing or event that evokes a specific functional reaction in an organ or tissue.	All stimuli lead to a response.	สิ่งเร้า
2	Coordination	Noun	The process by which the different parts of the body work together to bring about the correct response.	Lack of coordination leads to mistakes.	ทำงานร่วมกัน
3	Receptors	Noun	Specialized cells in our body that detect changes in the internal and external environment.	There are receptors in our skin that are sensitive to touch, temperature, and pain.	(เซลล์) ตัวรับ, อวัยวะรับสัมผัส
4	Effectors	Noun	Organs that carry out the responses to stimuli.	Examples of effectors are muscles or glands.	อวัยวะที่ตอบสนองต่อสิ่งเร้า
5	Voluntary	Adjective	Under the conscious control of the brain.	Walking and talking are examples of voluntary activities.	อยู่ภายใต้การควบคุมของสมอง
6	Transmit	Verb	Allow to pass through a medium.	A neuron transmits information in the form of an electrical impulse.	ส่งผ่าน
7	Reflex action	Noun	It occurs when an immediate response to a specific stimulus is brought about without conscious control.	An example of a reflex action is the knee-jerk reflex.	การกระทำสะท้อน, การตอบสนองของร่างกายฉับพลันทันที
8	Homeostasis	Noun	State of internal balance.	The hypothalamus plays an important role in homeostasis regulation.	ภาวะสมดุลภายใน
9	Interpret	Verb	To decide what the intended meaning of something is.	The brain interprets stimuli and produce appropriate responses.	แปลความหมาย
10	Inhibit	Verb	Slow down, prevent, or reduce the activity.	The autonomic nervous system can either excite or inhibit innervated tissue.	ยับยั้ง, ชัดขวาง

Chapter 8: Light					
1	Opaque	Adjective	Not able to be seen through; not transparent.	When light hits an opaque object, it may be absorbed or reflected.	ทึบแสง
2	Reflection	Noun	The throwing back by a body or surface of light without absorbing it.	Reflection of light occurs when the light bounces off the surface of an object.	การสะท้อน
3	Scatter	Verb	Throw in various random directions.	When a parallel beam of light hits a rough surface, it is scattered.	กระจัดกระจาย
4	Convex	Adjective	Having an outline or surface curved like the exterior of a circle or sphere.	Convex mirrors produce a wider scope of view.	นูน
5	Concave	Adjective	Having an outline or surface that curves inward like the interior of a circle or sphere.	Concave mirrors produce magnified images.	เว้า
6	Magnify	Verb	Make something appear larger than it is.	Microscopes magnify specimens.	ขยาย (ใหญ่ขึ้น)
7	Refraction	Noun	The bending of a light ray when it enters a medium of different density.	Refraction of light gives us a false impression of the depth and position of an object.	การหักเห
8	Dispersion	Noun	Splitting of white light into its spectrum.	Dispersion occurs because each color is refracted slightly when it passes through the prism.	การแพร่กระจาย
9	Photosynthesis	Noun	The process by which green plants use sunlight to synthesize foods from carbon dioxide and water.	Photosynthesis is one of the important roles of light.	การสังเคราะห์แสงของพืชที่มีสีเขียว
10	Replenish	Verb	Fill something up again.	Plants replenish the oxygen used by living things to breathe.	เพิ่ม

**Vocabularies****Social Studies****Year 8**

<b>Chapter</b>	<b>Words</b>	<b>Part of speech</b>	<b>Definition</b>	<b>Example sentence</b>	<b>Thai translation</b>
unit 4: Harmonized culture					
1	Culture	Noun	The arts and other manifestations of human intellectual achievement regarded collectively.	The corporate culture at Urban Outfitters is really a corporate counterculture.	วัฒนธรรม
2	Differentiate	Verb	Recognize or ascertain what makes (someone or something) different.	Morally and politically, the two regimes can be readily differentiated.	จำแนก, แยกความแตกต่าง
4	Behaviour	Noun	The way in which one acts or conducts oneself, especially toward others.	Nature publishes strong evidence for a gene that affects social behaviour.	พฤติกรรม
5	Lifestyle	Noun	The way in which a person or group lives.	Examine your lifestyle objectively before you decide to choose a pet.	วิธีการดำเนินชีวิต
6	Similar	Adjective	Resembling without being identical.	Prozac, he added, has a similar effect on monkeys.	คล้ายคลึงกัน
7	Generation	Noun	All of the people born and living at about the same time, regarded collectively.	We needed a new generation of management to carry us forward.	ชั่วอายุคน
8	Develop	Verb	Grow or cause to grow and become more mature, advanced, or elaborate.	Teams can no longer simply wait for young talent to develop.	พัฒนา
9	Express	Verb	Convey (a thought or feeling) in words or by gestures and conduct.	His words touches our deepest feelings; it can motivate and express.	อธิบาย, แสดง



10	Systematic	Adjective	Done or acting according to a fixed plan or system; methodical.	They reinstated systematic terror as the chief tool of the government.	เป็นระบบ
11	Expertise	adjective	Expert skill or knowledge in a particular field.	Daniel said the foundation's greatest expertise was rapid response.	ความชำนาญ
12	Enhance	Verb	Intensify, increase, or further improve the quality, value, or extent of.	He enhances his own political stature by being on Ellen show every now and then.	ส่งเสริม, เพิ่มพูน
13	Modern	Adjective	Relating to the present or recent times as opposed to the remote past.	The modern world has influenced the new generation with it's music.	ทันสมัย
14	Traditional	Adjective	Existing in or as part of a tradition; long-established	Their traditional songs are lovely.	ตามประเพณี
15	Reputation	Noun	He beliefs or opinions that are generally held about someone or something.	Having a good reputation for being a person with good characters is better than all the money in the world.	ความมีชื่อเสียง, กิตติศัพท์
16	Presides	Verb	Be in the position of authority in a meeting or gathering	Bishop Herbener presided at the meeting	เป็นประธาน
17	Auspicious	Adjective	Conducive to success; favorable	It was not the most auspicious moment to hold an election.	ฤกษ์งามยามดี
18	Gesture	Verb	A movement of part of the body, especially a hand or the head, to express an idea or meaning.	Alex made a gesture of apology	ท่าทาง
19	Demonstrate	Verb	Clearly show the existence or truth of (something) by giving proof or evidence.	She began to demonstrate a new-found confidence.	แสดง, สาทิต
20	Values	Noun	A person's principles or standards of behavior; one's judgment of what is important in life.	They internalize their parents' rules and values.	คุณค่า, ค่านิยม

**Vocabularies****Health****Year 8**

<b>Chapter</b>	<b>Words</b>	<b>Part of speech</b>	<b>Definition</b>	<b>Example sentence</b>	<b>Thai translation</b>
Unit 7: Dealing with Emotions and Stress					
1	Emotion	Noun	It is a natural instinctive state of mind reflected through our body language and feelings.	An emotion can be positive or negative.	อารมณ์, ความรู้สึก
2	Stress	Noun	It is a state of mental or emotional strain or tension resulting from demanding circumstances.	Stress must be managed well so that it doesn't lead to burnout.	ภาวะเครียด
3	Exhaustion	Noun	A state of extreme physical or mental fatigue.	Constant stress can lead to exhaustion.	เหนื่อย, หหมดแรง
4	Pessimistic	Adjective	Tending to see the worst aspect of things or believe that the worst will happen.	Being pessimistic is rarely beneficial.	มองโลกในแง่ร้าย
5	Severe	Adjective	Very bad.	You must avoid reaching a level of severe stress.	รุนแรง
6	Demonstrate	Verb	Clearly show the existence or truth of by giving proof or evidence.	The teacher demonstrated how the knee-jerk reflex works.	แสดง, สาธิต
7	Tachycardia	Verb	An abnormally rapid heart rate.	A heartbeat above 100 is considered as tachycardia.	หัวใจเต้นเร็วผิดปกติ จังหวะ
8	Anxiety	Noun	A feeling of worry, nervousness, or unease, typically about an imminent event or something with an uncertain outcome.	It's okay to share about your anxiety.	ความกังวลใจ
9	Temper	Noun	A person's state of mind seen in terms of their being angry or calm.	It is important to manage your temper so you don't hurt anyone.	อารมณ์
10	Rival	Noun	A person or thing competing with another for the same objective or for superiority in the same field of activity.	The rivals surprisingly turned into best friends.	คู่แข่ง, คู่ต่อสู้