



Record following the learning management plan

Course Code: ST22101

Class Number: 01

Time : 2 Hours/Week

Title : Science

Topic/Title: Human Respiratory System

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students were able to study the materials in the book while performing various tasks in the lab associated with the lungs. Students were able to identify various parts of the lungs and demonstrate how the respiratory system works.

4. Problems and obstacles

Those students who did not want to see blood had a difficulty in relating the content to real life situations.

5. Suggestions / solutions

We just need more time in the classroom and lab. 3 hours per week including the additional science course hour does not suffice for learning science especially when there is a lab component. In addition, students were asked to foot the bill for the lungs used in this experiment. We charged 30B per student.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

Date

These teaching notes according to the learning management plan have been checked by the English Program Head.

Feedback/comments of school administrators or delegates

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Signed

(Mr. Prapas Srithong)

Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 02

Time : 2 Hours/Week

Title : Science

Topic/Title: Human Excretory System

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students were able to study the course materials while performing various tasks in the lab regarding the excretory system. Students were able to identify parts of the excretory system and demonstrate how that system works.

4. Problems and obstacles

Those students who did not want to see blood had a difficulty in relating the content to real life situations.

5. Suggestions / solutions

We just need more time in the classroom and lab. 3 hours per week including the additional science course hour does not suffice for learning science especially when there is a lab component. In addition, students were asked to foot the bill for the organs used in this experiment. Students enjoyed playing Blooket as a revision exercise.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

Date

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Feedback/comments of school administrators or delegates

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Signed

(Mr. Prapas Srithong)

Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 03

Time : 2 Hours/Week

Title : Science

Topic/Title: Human Circulatory System

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students were able to study the course materials while performing various tasks in the lab regarding the heart. Students were able to identify parts of the heart and demonstrate how the circulatory system works.

4. Problems and obstacles

Those students who did not want to see blood had a difficulty in relating the content to real life situations.

5. Suggestions / solutions

We just need more time in the classroom and lab. 3 hours per week including the additional science course hour does not suffice for learning science especially when there is a lab component. In addition, students were asked to foot the bill for the organs used in this experiment. Students enjoyed playing Blooket as a revision exercise.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

Date

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(Mr. Prapas Srithong)

Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 04

Time : 2 Hours/Week

Title : Science

Topic/Title: Human Nervous System

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students were able to study the course materials while performing various tasks in the lab regarding the brain and nervous system. Students were able to identify parts of the nervous system and demonstrate it system works.

4. Problems and obstacles

Those students who did not want to see blood had a difficulty in relating the content to real life situations.

5. Suggestions / solutions

We just need more time in the classroom and lab. 3 hours per week including the additional science course hour does not suffice for learning science especially when there is a lab component.

Signed..... (Teacher)
(Mr. Andrew A. Stergio)

Date

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Signed
(Mr. Prapas Srithong)

Date
Head of the English Program
Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 05

Time : 2 Hours/Week

Title : Science

Topic/Title: Human Reproductive System

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

In addition to the content on male and female reproductive systems we watched a video entitled “Teen Dreams” which students related to as it stars 2 teens about the same age of the students going through changes.

4. Problems and obstacles

There was limited time to do this long part of the unit because there are many new vocabularies as well as complex feedback mechanisms that take time to teach and understand.

5. Suggestions / solutions

We just need more time in the classroom and lab. 3 hours per week including the additional science course hour does not suffice for learning science especially when there is a lab component.

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(Mr. Andrew A. Stergio)

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Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 06

Time : 2 Hours/Week

Title : Science

Topic/Title: Solutions

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students were able to do 2 evaporation lab activities to foster their understanding of what makes up solutions.

4. Problems and obstacles

Some students did not pay attention to their lab equipment and thus the results of their experiment were skewed. In addition, the vocabularies solution, solute, and solvent sound very similar to language learners and this was an obstacle.

5. Suggestions / solutions

We just need more time in the classroom and lab. 3 hours per week including the additional science course hour does not suffice for learning science especially when there is a lab component.

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(Mr. Andrew A. Stergio)

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Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 07

Time : 2 Hours/Week

Title : Science

Topic/Title: Solubility

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students were able to see how temperature, solutes, and solvents affect solubility. There were three lab activities that were planned for students to see how these factors affect solubility.

4. Problems and obstacles

The text asks for students to create their own experiments in regards to these three factors mentioned above. However because of the language level of the students as well as the limited amount of time, the teachers planned the activities and the students performed them.

5. Suggestions / solutions

We just need more time in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

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Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 08

Time : 2 Hours/Week

Title : Science

Topic/Title: Concentrations of Solutions

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Students used their knowledge to calculate solution concentration percentages. Then in the lab they were able to make various solution percentages (70%, 30%, and 10%) of alcohol starting from a 95% beginning stock.

4. Problems and obstacles

Some of the students are not able to do the calculations because they could not do division.

5. Suggestions / solutions

We could use more time in the classroom and lab to work on calculations. However seeing how concentrations change using an alcohol meter was a valuable experience to check their understanding and success in making it.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

Date

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Signed
(Mr. Prapas Srithong)

Date
Head of the English Program
Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 09

Time : 2 Hours/Week

Title : Science

Topic/Title: Newton's 1st Law/Scalar-Vector

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

We introduced the Forces and Physics unit by discussing Newton's First Law and comparing and contrasting scalar and vector quantities. Students practiced the Law by doing the Egg Drop Experiment.

4. Problems and obstacles

The English when reading the sentences of scalar and vector were challenging for some students.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed (Teacher)

(Mr. Andrew A. Stergio)

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Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 10

Time : 2 Hours/Week

Title : Science

Topic/Title: Resultant Forces

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

Although this topic is covered in primary school, we brought it to life by having a lab activity to along with the math that they'll need to use to calculate these physics problems. They used sandbags and spring scales for this activity.

4. Problems and obstacles

Even though they could use the lab apparatus to find resultant forces, some of the principals are still abstract and were difficult for the students to understand, especially Newton's First Law which states if there is no resultant force on a moving object that they object will continue to move.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

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Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 11

Time : 2 Hours/Week

Title : Science

Topic/Title: Fluid Pressure

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

We were able to show in lab there is greater pressure at greater depth using a bottle with holes at different levels. We weren't able to show that different densities can also cause a difference in fluid pressure because oil would have been too messy and expensive. The calculation taught in this section is quite difficult and will need more revision in the future.

4. Problems and obstacles

As stated above, the calculation for fluid pressure was too difficult for some students to grasp.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

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Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 12

Time : 2 Hours/Week

Title : Science

Topic/Title: Buoyancy

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

The students were able to work through these examples through the text and through lab activities practicing Archimedes' Principle using Eureka cans.

4. Problems and obstacles

Even though they could use the lab apparatus to find resultant forces, some of the principals are still abstract and were difficult for the students to understand, especially Archimedes' Principle.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

Date

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Feedback/comments of school administrators or delegates

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Signed
(Mr. Prapas Srithong)

Date
Head of the English Program
Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 13

Time : 2 Hours/Week

Title : Science

Topic/Title: Friction

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

The students were able to work through the friction examples by text, worksheet and through lab activities.

4. Problems and obstacles

Even though they could use the lab equipment, some of the principals are still abstract and are difficult for the students to understand.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)

(Mr. Andrew A. Stergio)

Date

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(Mr. Prapas Srithong)

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Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 14

Time : 2 Hours/Week

Title : Science

Topic/Title: Moment of Force

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

The students were able to work through Moment of Force examples by text, worksheet and through lab activities.

4. Problems and obstacles

Even though they could use the lab equipment, some of the principals are still abstract and are difficult for the students to understand.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed (Teacher)

(Mr. Andrew A. Stergio)

Date

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Feedback/comments of school administrators or delegates

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Signed

(Mr. Prapas Srithong)

Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 15

Time : 2 Hours/Week

Title : Science

Topic/Title: Fields

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

The students were able to work through Magnetic, Gravitational, and Electric examples by text, worksheet and through lab activities.

4. Problems and obstacles

Even though they could use the lab equipment, some of the principals are still abstract and are difficult for the students to understand.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

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Signed
(Mr. Prapas Srithong)

Date
Head of the English Program
Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 16

Time : 2 Hours/Week

Title : Science

Topic/Title: Distance & Displacement

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

The students were able to work through Distance and Displacement examples by text, worksheet and through lab activities.

4. Problems and obstacles

Even though they could use the lab equipment, some of the principals are still abstract and are difficult for the students to understand.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

Date

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Feedback/comments of school administrators or delegates

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(Mr. Prapas Srithong)

Date

Head of the English Program

Vice Director of Academic Management Group



Record following the learning management plan

Course Code: ST22101

Class Number: 17

Time : 2 Hours/Week

Title : Science

Topic/Title: Motion

Academic Year 2026-2027 Term 1

The format of the learning activities are as follows:

1. Learning management

- ☒ Instruction adheres to the learning management plan and achieves the stated indicators and objectives.
- ☒ Integration of morality, anti-corruption, civic duty, and the sufficiency economy philosophy.
- ☒ The lesson did not deviate from the management plan.

2. Evaluation of learning management

- ☒ The number of students who passed the assessment was 29 which was 100% percent
- ☒ The number of students who failed the assessment was 0, which was 0% percent

3. The effect on the learner

The students were able to work through motion (speed and velocity) examples by text, worksheet and through lab activities.

4. Problems and obstacles

Even though they could use the lab equipment, some of the principals are still abstract and are difficult for the students to understand.

5. Suggestions / solutions

We could use more time together in the classroom and lab.

Signed  (Teacher)
(Mr. Andrew A. Stergio)

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(Mr. Prapas Srithong)

Date
Head of the English Program
and Vice director of academic management group