Module 2 **Quipper as Instructional Materials**

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Lesson 2: Student's Learning Guide

The influence of different media like television and Social media is reflected in society as a whole. Students having are different interests and views on education. They want education that is fun, dynamic, and different such as the digital image and web sites. Quipper continuously developing is Instructional materials that Teachers and Students can use in order for them to learn new knowledge.



Objectives

At the end of this lesson, you should be able to

- identify the parts and features of Study Guide
- appreciate the value of study guide as additional learning materials for the students
- demonstrate your lessons effectively using 2 or more parts of the study guide

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🖪 Warm-Up

Word Search

L	В	С	Ρ	W	D	Ε	L	J	K	Η	S
А	E	Е	R	Z	0	F	Т	0	С	А	Е
S	Y	S	Е	Ρ	G	Q	R	Q	Ρ	Ν	V
S	Y	U	S	K	С	S	В	Ρ	D	Ρ	I
I	I	Ε	E	0	Н	Ζ	L	Х	Ν	F	Т
G	Ν	R	Ν	G	Ν	I	В	Y	0	М	С
Ν	E	U	Т	Y	С	Ρ	Т	F	С	V	Е
М	Ζ	F	А	А	G	В	R	Н	I	Е	J
Ε	С	J	т	А	Ρ	0	Y	0	Ρ	Х	В
Ν	N	I	I	Q	Z	U	V	U	Ρ	М	0
Т	0	R	0	0	Ζ	С	S	Y	Η	Е	Y
Ν	Х	K	Ν	Н	В	Ν	Х	W	E	Ρ	R

Search for the following words that are essential in preparing a lesson plan.

Assignment Objectives Motivation Lesson Proper

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U Lesson Proper



Lesson planning is one of the most challenging tasks in the life of a teacher. It includes creating different activities and assessments based on students' learning needs. With the help of the study guide, teachers can save a lot of time preparing for a lesson. The saved time can be used in giving feedback or creating more activities as an intervention for low-performing students.

The **study guide** is a comprehensive compilation of content for a specific subject that teachers and students can use as a downloadable textbook or reference. It has various activities that teachers can use as a formative or summative assessment. Also, performance tasks are available with ready-made rubrics for easy evaluation. Click this link for a sample <u>study guide</u>.

٩

What do you think?

In this generation, where resources are available at your fingertips, do you think your students' engagement and participation increased? Did you notice any improvement in their performance?



Subjects with Study Guide

Here is the list of subjects in Quipper with downloadable Study Guide:

Elementary and Junior High	Senior High
(Grades 4 to 10)	(Grade 11 and 12)
 Filipino English Mathematics Science Araling Panlipunan Music Arts Physical Education Health Technology and Livelihood Education (TLE) - Only for grade 7 and 8 ICT 	 General Mathematics Statistics and Probability Earth and Life Science Earth Science Physical Science Oral Communication in Context 21st Century Literature from the Philippines & the World Komunikasyon at Pananaliksik sa Wika at Kulturang Pilipino Reading and Writing Skills Pagbasa at Pagsusuri ng Iba't Ibang Teksto Tungo sa Pananaliksik Contemporary Philippine Arts from the Regions Understanding Culture, Society, and Politics Personal Development Introduction to the Philosophy of the Human Person Disaster Reduction and Risk Readiness Media and Information Literacy Physical Education & Health 11 Physical Education & Health 12



Features of a Study Guide

In the previous lesson, different instructional design frameworks and how it could be applied to your lesson plan. In Quipper's study guide, Gagne's Nine Events of Instruction was applied in which teachers can use inside the classroom. For example, the first event of instruction is to gain the attention of the students. The equivalent part of it in the study guide is motivation or Warm-Up! activities.

To know more about the study guide, here are the other features:

Features	Description
Table of Contents	It is a clickable overview of the contents of the whole module
Objectives	It helps the students know the target outcome of the module and sets the expectation of the students
Motivation	It provides activities that make the topic interesting and prepares the students for the lesson.
Lesson Proper	It provides an explanation of the concepts and topics of the lesson
Assessments (Formative and Summative)	It gives exercises, tasks, and questions that help teachers assess students' understanding after the lesson discussion
Performance Task	It gives an output-based activity that helps evaluate the application of students' knowledge
Summary	It provides synthesis or generalization of the lesson or the big ideas of a concept with key terms & formulas for students' easy reference.
Reference	It shows references used in creating the lesson. Provided links are also clickable.



Comparison of Study Guide per Subject

Each subject has different titles or headings in the Study Guide to create variety. They may have different headings; the function and purpose are still the same.

Features	English	Math	Science	Filipino	АР
Objectives	Unit Objectives	Objectives	Objective	Layunin Natin	Layunin Natin
Motivation	Warm-up!	Warm-Up!	Warm-Up!	Basahin Natin	Subukan Natin
Lesson Proper	Learn About It!	Learn About It!	Learn About It!	Pag-aralan Natin	Pag-aralan Natin
Summative Assessment	Check Your Understanding	Check Your Understanding	Check Your Understanding	Pag-isipan Natin	Suriin Natin Gawin Natin
Formative Assessment	Let's Step Up! Let's Check-In!	Let's Practice! Challenge Yourself	Challenge Yourself	Sagutin Natin Subukan Natin Isaisip Natin	Sagutin Natin Pag-isipan Natin
Performance Task	Performance Task	Performance Task	Performance Task	Gawin Natin	Pagyamanin Natin
Other Features	Vocabulary Essential Question	Test Your Pre-requisite Skills	Essential Questions Review Key Points Web Links Laboratory Activity Self-Check Key Words	Paglalagom Dapat Tandaan	Alamin Natin Paglalagom Dapat Tandaan





How to Access the Study Guide?

Teachers can access the study guide by following these steps:

- 1. Open your Q-Link account and go to Curriculum and Assignments
- 2. Choose grade level under the course list dropdown box

Quipper	Customer Success Academy +			¢,	Chelsea Chavez -
	CURRICULUM				
6					
्या 	CURRICULUM Introde Courses Annuales in your satural				
TATATION	Jurior High 2 All subject	a 🔹 🖌 Alig	grades 🔻	Q. Course name	Search
CLAIN LITT	Auror Hath	e from the left to view it	ts contents.		
AS students	Elementary Teachers' Content Junior High Teachers' Content				
	Math 10 We causes				



3. Choose a Subject, Module, and Topic

Quipper	Customer Success Academy -	🚅 🚳 Chelsea Chavez +
DAGHEDARD	CURRICULUM	
	CURRICULUM ASSIGNMENT	
्य	CURRICULUM Innexte courses available in your school.	
	All subjects All grades All	
CLASS LIST CLASS LIST STUDENTS	Unit 1 : Getting information and Making Generalizations 4 topics 40 questions	
	Noting Important Information 7 chapters 10 questions Using Discourse Markers reliapters to questions At the end of the lesson, you should be able to develop effective note-taking	rg skills based on listening.

4. Lastly, Click Download Study Guide

Quipper	Customer Success Acade	emy -		🖨 🚳 Chelsea Chavez -
	Evaluating Materials	Why is it important to note information		
	Unit 2 : The Key Elements of Greek Mythology 4 topos 40 guestions	Report errors	илина не болиел си нези писти	
	Unit 3 : The Context of Greek Mythology 4 topics 40 questions	100 200 300 400	sta etta sta	
	Unit 4 : Greek Lyric Poetry			
	Unit 5 : Persuasive Writing	Download Study Suide	Add this topic to assignment	
	Unit 6 : Advertisements as a Form of Persuasion 4 topics 40 questions			
	Unit 7: Writing a Persuasive Essay			

Note: The Study Guide will open a new window and you can save it to your device.



Students can access their study guide by following these steps:

- 1. They must open their Q-Learn account and click current assignment in To-Do List
- 2. Choose a topic

Quipper	Home	Casarase List	To-Dea	Memagan	My Courses	3
To-Do List Showing 6 out of 8 items						
Enhancement Activity 3.2 (Entertainment & Persuasive Speech) Topics: 2	Nov 12	3.1 Topics: 6				
ENGLISH 8 (Chalcedony)						
Complete the lessons and submit the quiz.						
Delivering an Entertainment Speech	Compo	s 8 osing a Persua	isive Spee	th		

3. Click Download Study Guide





Remember Students can only access and download the study guide if their teachers sent it as an assignment. Tips Print the Check Your Understanding part of the Study Guide and use it as a summative Quiz Send all the topic as Quiz and Review a week before the final exam to serve as a reviewer for the students Students without an internet connection, once downloaded, attach the pdf copy of Study Guide and send it to your student through email or Facebook messenger



Check Your Understanding

Direction: Match column A with the correct answer to Column B. (5 points)

COLUMN A	COLUMN B
1. an output-based activity for the application of students' knowledge and serves as evidence of learning	A. Lesson Proper
2. help the students to know where the unit is going and what is expected at the end of the lesson	B. Motivation
3. activities that will make the topic being discussed interesting and set the mood of the students	C. Objectives



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4. exercises, tasks, and questions that will help teachers to assess students' understanding after the discussion	D. Performance Task
5. explanation about what the lesson is all about.	E. Assessments
Direction: Answer the question below.	

Download a study guide of your current subject. Then, choose two parts and explain how you will use it inside the classroom. (5 points)

Link to Essay

• Share your answer here





Lesson 2: Teacher's Content

PObjectives

At the end of this lesson, learners should be able to

- identify the parts and features of Teachers Content;
- appreciate the value of teachers content as additional learning resources; and
- demonstrate his/her lessons effectively using 2 or more parts of teachers content

🗄 Warm-Up

С	Н	A	Ν	G	Ι	Ν	G	В	A	G	F
Т	Ν	Е	М	Е	V	L	0	V	Ν	Ι	U
0	Ν	Т	Ι	0	Ρ	Ρ	0	F	F	G	F
0	L	V	Х	Ρ	0	J	K	J	Х	0	0
S	Е	L	F	D	Ι	R	E	С	т	Е	D
S	Κ	S	А	Т	W	М	S	U	н	Q	Ν
0	U	Т	С	0	Μ	Е	S	S	В	J	S
G	Ν	Ι	Н	С	A	Е	Т	0	A	Е	A
Х	0	0	А	Т	R	M	Μ	S	С	L	Х
V	Ι	0	Ρ	0	W	С	Α	L	W	L	С

Teaching has increasingly become more difficult with time, and student success is falling at an alarming rate.

Complete the list below of the 7 most common challenges faced by teachers today:

- 1. Inspiring students to be more _____
- 2. Improving Learning _____
- 3. Differentiating and personalizing ______.
- 4. Getting students to do their work outside the ______.
- 5. Finding the time to keep up with administrative _____
- 6. Understanding _____ Technology.

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Essential Questions

- What are the different parts and features of Teachers' Content that will be useful in creating the lesson plan effectively?
- How to find these learning resources using Quipper's teacher platform?
- How to integrate Quipper in the teacher's lesson plan?

🔟 Lesson Proper

Teachers' Content is a one-stop-shop for teachers in need of resources for Math, Science, English, Araling Panlipunan, and Filipino. It provides a plan on how the teacher could implement a specific lesson based on the DepEd curriculum guide. It aims to integrate pedagogy with subject matter content and effective use of technology in the following subjects and grade levels.

Subjects with Teachers' Content

Grades 4 to 10

- Math
- Science
- Filipino
- English
- Araling Panlipunan

Senior High School Core Subjects

- General Math
- Statistics and Probability
- Earth Science
- Earth and Life Science
- Physical Science
- 21st Century Literature from the Philippines and the World
- Oral Communication in Context
- Reading and Writing Skills
- Pagbasa at Pagsusuri ng Iba't Ibang Teksto Tungo sa Pananaliksik
- Komunikasyon at Pananaliksik sa Wika at Kulturang Pilipino



Components of the Teaching Guide

The Teachers' Content Package consists of a downloadable teaching guide, an editable lesson slides, and some additional resources.

Downloadable Teaching guide

The downloadable teaching guide is similar to the teachers' lesson plan. The teacher could use this as a reference in creating a detailed lesson plan or may use it depending on the need of the students.

Learning Competencies is a list of competencies copied verbatim from the DEPED curriculum guide along with DEPED code for easy reference.



Learning Objectives are statements that describe what students are expected to learn by the end of the lesson. It contains SMART (specific, measurable, attainable, relevant, and time-based) objectives. Teachers could use this as their learning targets.



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Essential Questions are probing questions to stimulate curiosity. It could guide the teachers to ask about the big ideas of the lesson.



Prerequisite Skills and Topics

are a list of topics available in the Quipper platform and skills that are essential for the understanding of the lesson. Teachers could assign Quipper topics in the Quipper platform as a review for the student to read the study guide and/or take quiz.

Introduction

Across all subjects, each lesson starts with an introduction. Depending on the subject matter, the warm-up activities could either serve as a review of prior knowledge or constructivist activity that allows students to experience the concepts prior to the discussion of the theory. These activities have guide questions and answers that the

teacher may ask in class for processing.





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Since Quipper recognizes that each classroom is unique, Quipper provided several options for the teacher to choose from, depending on the class size, time, technology tools and other resources available for the teacher. The figure below shows the different icons to indicate these elements to make it easier for the teacher to choose the appropriate activity for the learning environment.



The **Discussion** section provides a suggested flow on how to discuss the given topic and attain the objectives of the lesson, along with scaffolding questions that teachers can ask students to guide their thinking. In some subjects such as Science, stepwise work examples with varying difficulty levels are also provided within the lesson.



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Practice and Feedback allows teachers to provide opportunities for students to try the skill on their own or apply new knowledge learned in new contexts. Teachers can also use this section to provide formative assessments if students have learned the skill or knowledge for the lesson during instruction.

Assess Performance is a component that allows teachers to assess if students have attained the objective(s) of the lesson. Since this can only be accessed by teachers in the platform, the answer to the exercises is provided. Difficulty levels are indicated by colored crayons.



Each lesson ends with a **synthesis**. These are suggested questions that teachers can ask students that lead to teachers' synthesis of the lesson. These questions are related to the big ideas of the lesson. Depending on the subject matter, questions involve valuing and/or real-world applications.

Other Features of the Teaching Guide

Other features of the teaching guide are Web Box and Bibliography. The **Web Box** contains some suggested activities on ICT integration involving the use of either Web 1.0 or Web 2.0 tools to enrich student understanding of the content. The **bibliography** contains references used in the creation of the teaching guide.

Kasanayan sa ICT Maaaring itong ipagawa bilang dagdag na Kasunduan:
Para sa karagdagang impormasyon at paghahanda para sa susundo na aralin, ipanood sa mga mag-aaral ang video na ito at sabihing isulat sa kanilang kuwaderno ang kanilang natutuhan sa napanood na video.
"Absolute Location - Latitude and Longitudes Demonstration" ni Tyler Bolstad https://www.youtube.com/watch?v=V2hPhPlik-Y





Editable presentation slides

Aside from the teaching guides, the Teachers' Content also provides you with **editable presentation slides** for all subjects. These slides are on Google Slides format so that teachers can copy, customize as their own and use it in class.



Try It

Study the attached sample editable presentation slides. See how they are different from each subject and how they can be used inside the classroom.

- English
- <u>Math</u>
- <u>Science</u>
- <u>Filipino</u>
- <u>Araling Panlipunan</u>

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Worksheets

For Math and Science, three types of worksheets with varying difficulty levels are available per lesson. Each worksheet corresponds to the three levels in Bloom's Taxonomy. The teacher may use all the worksheets or choose one depending on the time and the current skill level of students.

ipperSchool	Teaching Guide	
	Unit 1: Sets • Grade 7	Easy
A. Write the following sets in roster form. (6 pts)		🖉 Workshe
1. Set A is the set of all consonants in the word QUIPPER.		
 Set <i>B</i> is the set of all positive even integers below 17. 		
3. Set <i>C</i> is the set of prime numbers less than 20.		
 B. Write the following sets in set-builder form. (6 pts) 1. A = {a, e, i. e, u} 		
ipper School	Teaching Guide	
PREMIUM	Unit 1: Sets • Grade 7	
/ Worksheet II	*	Average
 A. Write the following sets in roster form. (6pts) 1. Set A is the set of all consonants in the word PHILIPPINES. 		🥖 Worksheet II
 Set A is the set of an consonants in the word Parks Prints. 		
 Set B is the set of all positive odd integers below 17. 		
3. Set <i>C</i> is the set of prime numbers less than 30.		
B. Write the following sets in set-builder form. (6 pts)		
1. $A = \{a, b, c, d, e\}$		
ipperSchool	Teaching Guide	
FREMIUM	MATH	
/ Worksheet III	Unit 1: Sets • Grade 7	Difficult
A. Write the following sets in roster form. (6 pts)		🖉 🖉 Worksheet III
 Write the following sets in roster form. (6 pts) Set A is the set of all consonants in the word MATHEMATICS. 		
 Set B is the set of all positive even integers less than or equa 	i to 30.	
Set C is the set of composite numbers less than 40.		

A = {Emilio Aguinaldo, Manuel Quezon, Jose Laurel, Sergio Osmena, Manuel Roxas}



Literary texts

In **English**, **additional literary texts** are provided which the teacher can print and reproduce in class. English teachers can use this resource as supplementary reading material, or as an alternative text for class discussion or assessments.

Resource Slide

These are additional links, references that teachers can use in organizing their lessons.



For further discussion about sets representation, visit the following web page: "Representation of a Set". Math Only Math. Retrieved 13 January 2019.

Additional Resource Link(s)

For more discussion about absolute values, you can check on the following links:

- Stapel, Elizabeth. "Absolute Value." Purplemath. Retrieved 5 February 2019
- Erin Sylves and Maya Gueron. (20 Aug 2015) "Introduction to Absolute Value." Youtube Video,





Answer key to the study Guide

These are the answer keys to the Study guide of the specific Unit.

	< Home		anlipunan: Kahulugan at Katangian ng Bansa ulugan at Katangian ng Bansa - Konsepto ng Ba	nsa V.2.0		0	327,650	:
			Lesson Q Quiz					
5		🕜 Gabay sa Pagw	vawasto				0	
< Home		Math: Ratio and Proportion Math: Ratio and Proportion - Ratio (version	2)	326,650	÷	_		
		😫 Lesson 😡 Quiz						0
	Study Gui	de Answer Key Lin	k	0				
	Click the following link to acce	ss the answer key for this lesson.						
	Unit 12: Ratio and Propo	rtion						
			4					

For ease of use, the teaching guides, link to the presentation deck, worksheets and literary texts can be all be found in one place--Quipper slides. Additional resource slides are also provided for all subjects to (1) make it easier for the teachers to access all the components of the package and (2) to provide additional resources for teachers' enrichment. Let's quickly go through each slide in Quipper viewed from Q-Learn.

Accessing Teachers' Content in the Q-Link Platform

1. In the five main tabs, choose 'Curriculum and Assignments'.



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Quipper	Customer Success Academy -	P 🔮 Chelsea Chavez 🔹
	CURRICULUM	
	CURRICULUM ASSIGNMENT	
	CURRICULUM Browse courses available in your school.	
STATISTICS	- Select category V	
888 CLASS LIST	Select a category from the dropdown to browse through courses.	
88 STUDENTS		
۵		
MANAGEMENT		ent with rejected topics



2. Under the category list, choose a course with 'Teachers Content'.

Quipper	Customer Success Academy -	💭 🚳 Chelsea Chavez +
DASHEDARD	CURRICULUM	
	CURRICULUM ASSIGNMENT	
	CURRICULUM Browee courses available in your school.	
STATISTICS	Select category	
CLASSIUST		fowm to browse through courses.
88 STUDENTS	Junior High (G10) Teachers' Content Senior High School Teachers' Content	
		Create an avelgement with selected ingits

Example: Junior High (G10) Teachers' Content

3. Then choose a 'Module', 'Unit' and specific 'Lesson'

Quipper	Customer Success Acad	lemy -	🛒 🚳 Chelsea Chavez +
Canal Basheedawd	CURRICULUM		
	CURRICULUM ASSIG	NMENT	
ACCOUNTS	CURRICULUM Browse courses evaluable in your school.		
STATISTICS	Junior High (G10) Teachers' Content	All subjects All grades Q Crume n	sama Search
	Math Grade 10 Teachers' Content	Math Grade 10 Teachers' Content	ark 💽 Course settings
UNIT 88	Unit 1: Arithmetic Sequences and Series 4 topics 4 questions	Unit 1: Arithmetic Sequences and Series 4 topics 4 questions	
LESSON	Lesson 1: Patterns and Sequences 3 chapters: 1 questions	Topics under this module Lesson 1: Patterns and Sequences Lesson 2: Arithmetic Sequences	
MANAGEMENT	Lesson 2: Arithmetic Sequences 5 chepters 1 questions	Lesson 3: Arithmetic Series Lesson 4: Sigma Notation	
	Lesson 3: Arithmetic Series 3 chapters 1 questions		

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4. After choosing a specific 'Lesson', click the lesson slide number below to see the 'Resource Slides'.

Quipper	Customer Success Acad	lemy +	Chelsea Chavez
	CURRICULUM Browse courses available in your school.		
STATISTICS.	Junior High (G10) Teachers' Content	▼ All subjects ▼ All grades ▼ Q Cours	e name Search
	Math Grade 10 Teachers' Content 60 topics	Unit 1: Arithmetic Sequences and Series, Math Grade 10 Teachers' Content	Lesson 1: Patterns and Sequences
CLASS LET	Unit 1: Arithmetic Sequences and Series 4 topica 4 questions	Lesson 5 mapters Questions	
STUDENTS	Lesson 1: Patterns and Sequences Schapter: 1 questions	O Learning Objectives	
MANAGEMENT	Lesson 2: Arithmetic Sequences 3 chapters 1 questions	At the end of the lesson, the learner should be able to	
	Lesson 3: Arithmetic Series Schapters 1 questions	 correctly generate and illustrate patterns; accurately identify the next term in a given pattern; and correctly find the general rule for the nth term of a sequence 	
	Lesson 4: Sigma Notation 5 chapters 1 quesilons	Keport errors	
	Unit 2: Geometric Sequences and Series 4 lopis. 4 questions	100 200 300 400 500	

5. Lastly, click the link to see the resources.

Quipper	Customer Success Academy -	🛒 🚳 Chelsea Chavez
AB.	Unit 1: Arithmetic Sequences and Series 4 topics 4 questions	(F)3
STUDENTS	Lesson 1: Patterns and Sequences Support 1 questions	uide Link
MANAGEMENT	Lesson 2: Arithmetic Sequences 5 dopters 1 qualities	teaching guide for this lesson.
	Lesson 1: Patterns and Seque Lesson 1: Patterns and Seque Schepters 1 questions	nces
	Lesson & Sigma Notation Scholar Tyresters	
	Unit 2: Geometric Sequences and Series Atopics: Aquentions: Worksheet I	e worksheets in this lesson.
	Unit 3: Mixed Practice for Arithmetic and Geometric Sequences Expert Equences	
	Unit 4: Other Types of Sequences	
	Unit 5: Division of Polynomials	m = m





Check Your Understanding

A. Match the following parts of the 'Downloadable Teaching Guide' in Column B with its description in Column A by writing the letter of the correct answer on the blanks provided.

Column A	Column B
1. contains additional exercises meant to assess if students have attained the objective(s) of the lesson	a. Pre-requisite Topics
2. list of topics available in the Quipper platform and skills that are essential for the understanding of the lesson	b. Essential Question
3. probing questions to stimulate curiosity	c. Assess Performance
4. serves as a motivation to recall prior to the lesson discussion	d. Web Box
5. contains suggested activities for teachers on ICT integration	e. Introduction



B. Reflecting on the current subject you are Teaching. Choose at least two or more parts of the Teacher's Guide and explain how you can integrate it into your lesson plan. (5 points)



Teachers' Content is a one-stop-shop for teachers in need of resources for Math, Science, English, Araling Panlipunan, and Filipino.



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🚽 Bibliography

https://online.purdue.edu/blog/what-is-instructional-design

https://content.wisestep.com/communication-skills-importance-teachers-studentsemployees/

https://www.niu.edu/facdev/_pdf/guide/learning/gagnes_nine_events_instruction.p df

https://studylib.net/doc/7883124/sample-ubd-lesson-plan-template

https://www.humber.ca/centreforteachingandlearning/assets/files/Teaching%20Me thods/4A%20of%20Lesson%20Planning.pdf

https://nasaeclips.arc.nasa.gov/teachertoolbox/the5e

https://www.niu.edu/facdev/_pdf/guide/learning/gagnes_nine_events_instruction.p df

http://citt.ufl.edu/tools/gagnes-9-events-of-instruction/

https://www.ascd.org/ASCD/pdf/siteASCD/publications/UbD_WhitePaper0312.pdf https://nasaeclips.arc.nasa.gov/teachertoolbox/the5e