GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	VI
	Teacher:		Learning Area:	SCIENCE
	Teaching Dates and Time:	Week 8	Quarter:	4th Quarter

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I.OBJECTIVES	Explain the theories about the universe	Explain the theories about the universe	Enumerate space probes and their missions	Enumerate space probes and their missions	Answer the questions correctly and honestly
A. Content Standards					
B. Performance Standards					
C. Learning Competencies/ Objectives	Explain the theories about the universe	Explain the theories about the universe	Enumerate space probes and their missions	Enumerate space probes and their missions	
II.CONTENT	Explaining the Origin of the Universe	Explaining the Origin of the Universe	Space Probes and their Missions	Space Probes and their Missions	WEEKLY TEST
	Theme: **EVERYDAY READY** (Thematic Approach/Teaching)	Theme: **EVERYDAY READY** (Thematic Approach/Teaching)	Theme: **EVERYDAY READY** (Thematic Approach/Teaching)	Theme: **EVERYDAY READY** (Thematic Approach/Teaching)	
III. LEARNING RESOURCES					
A. References					
1.Teacher's Guide pages	Into the Future: Science and Health 6 pp. 268-270 Science and Health 6, pp. 270-272	Into the Future: Science and Health 6 pp. 268-270 Science and Health 6, pp. 270-272	Into the Future: Science and Health 6 p. 168 — TM	Into the Future: Science and Health 6 p. 168 — TM	
2.Learner's Materials pages					
3.Textbook pages	Into the Future: Science and Health 6 pp. 268-270 Science and Health 6, pp. 270-272	Into the Future: Science and Health 6 pp. 268-270 Science and Health 6, pp. 270-272	Into the Future: Science and Health 6 p. TX pp. 271-273 Science and Health 6, pp. 278-279	Into the Future: Science and Health 6 p. TX pp. 271-273 Science and Health 6, pp. 278-279	
4.Additional Materials from Learning Resource(LR)portal					
B. Other Learning Resources	downloaded workbook **p.149**(5775Reverse the Education Crises) **Downloaded LP, p.142**	downloaded workbook **p.150**(5775Reverse the Education Crises) **Downloaded LP, p.142**	downloaded workbook **p.151**(5775Reverse the Education Crises) **Downloaded LP, p.143**	downloaded workbook **p.152**(5775Reverse the Education Crises) **Downloaded LP, p.143**	
IV.PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	What special instruments do scientists use to study the universe?	What special instruments do scientists use to study the universe?	What are the different theories about the origin of the universe? Describe each.	What are the different theories about the origin of the universe? Describe each.	Short Review

	Describe each special instrument in terms of features and functions.	Describe each special instrument in terms of features and functions.			
B. Establishing a purpose for the lesson	What is universe? How do you think it begun? Does it have a life history?	What is universe? How do you think it begun? Does it have a life history?	If you were allowed to do a space mission, where would you go? What kind of space craft would you use? Why?	If you were allowed to do a space mission, where would you go? What kind of space craft would you use? Why?	Giving of instructions
C. Presenting examples/ instances of the new lesson	Activity ▪ Ask the pupils to inflate a toy balloon with a teaspoonful of starch inside. Let them burst the balloon. ▪ Perform Activity 7.11, p. 268	Activity ▪ Ask the pupils to inflate a toy balloon with a teaspoonful of starch inside. Let them burst the balloon. ▪ Perform Activity 7.11, p. 268	Space Age began in 1957 when the first spacecraft was launched into outer space. **Perform Activity 7.12**	Space Age began in 1957 when the first spacecraft was launched into outer space. **Perform Activity 7.12** **(you may give other related activity)**	
D. Discussion new concepts and practicing new skills #1	Analysis and Discussion Describe the results of a bursting balloon. How the dots appear to move farther from each other?	Analysis and Discussion Describe the results of a bursting balloon. How the dots appear to move farther from each other?	What did you know about space explorations made after 1957? Describe a space probe. What are their special functions?	What did you know about space explorations made after 1957? Describe a space probe. What are their special functions?	
E. Discussing new concepts and practicing new skill # 2					
F. Developing mastery (Leads to Formative Assessment 3)					
G. Finding practical applications of concepts and skills in daily living	How did the universe originate according to astronomers?	How did the universe originate according to astronomers?			
H. Making generalizations and abstractions about the lesson	Astronomers gave four possible explanations of the origin of the universe, namely: ▪ The Big Bang Theory states that the universe began as one dense concentration of matter that exploded with its fragments continuously moving outward and away from one another. The Big Crunch Theory believes that the universe started from an explosion of a dense huge ball of hydrogen but contracted due to the force of gravity.	Astronomers gave four possible explanations of the origin of the universe, namely: ▪ The Big Bang Theory states that the universe began as one dense concentration of matter that exploded with its fragments continuously moving outward and away from one another. The Big Crunch Theory believes that the universe started from an explosion of a dense huge ball of hydrogen but contracted due to the force of gravity.	● Several space probes were sent into outer space to gather important data about the planets their moons and other heavenly bodies. ● Some of these space probes are as follows: Lunar I, Viking I and II, Vinera 9, Pioneer-Venus 2, Mariner 10, and Voyager 1 and 2. ● Voyager 1 and 2 took photographs of Jupiter, Saturn, Uranus and Neptune.	● Several space probes were sent into outer space to gather important data about the planets their moons and other heavenly bodies. ● Some of these space probes are as follows: Lunar I, Viking I and II, Vinera 9, Pioneer-Venus 2, Mariner 10, and Voyager 1 and 2. ● Voyager 1 and 2 took photographs of Jupiter, Saturn, Uranus and Neptune.	

I. Evaluating learning	**A.** Identify the different theories about the origin of the universe and explain. **B.** Directions: Inside the box are the theories that explain the origin of the universe. Answer the questions below by identifying the theory described. Write the letter of the correct answer on the blanks. downloaded workbook **p.149**(5775Reverse the Education Crises) **A. Big Bang Theory** **B. The steady State Theory** **C. The Creation Theory** **D. The Oscillating Universe Theory** **E. Pulsating Theory** _____ 1. The theory that implies that the empty space left by expansion is being filled up by new galaxies that are constantly being formed. _____ 2. Similar idea to the Big Bang. Also believes that the universe expanded from a small compact mass that exploded. _____ 3. Astronomers think that billions of years ago, all matter in the universe was squeezed into a small compact mass. _____ 4. The universe and everything in it were created by our God Almighty. _____ 5. Scientists claim that the universe had a beginning but will have no end. _____ 6. The universe will contract and become a small mass again.	***Directions:*** Inside the box are the theories that explain the origin of the universe. Fill in the blanks below by identifying the theory described. Write the letters only. . downloaded workbook **p.150**(5775Reverse the Education Crises) **A. The steady State Theory** **B. The Creation Theory** **C. Big Bang Theory** **D. Pulsating Theory** **E. The Oscillating Universe Theory** _____ 1. Scientists say that everything in the universe will be the same and will stay the same. _____ 2. The space between galaxies is still expanding and will expand forever. This is what they call the expansion theory. _____ 3. States that the expansion of the universe will come to a halt and the universe will contract and expand over again. _____ 4. This theory originates from the book of Genesis in the Bible, where it says that God created the universe, the heavenly bodies and the earth on the 6th day. _____ 5. According to this theory, the matter now in the galaxies were packed in one big ball billions of years ago. _____ 6. This theory states that the universe had no beginning and it would have no end.	Directions: Rearrange the letters in the box to find out the problems met in space exploration Then write the word on the space provided. 1. GESSESSWIETHLN _____ 2. extreme URESSREP _____ 3. CALMENICHA _____ 4. extreme TURETEMPERA _____ 5. dangerous NOIRADTASI _____ Directions: Check (√) all statements that show the function of a space probe. _____6. Transmit information and specific data on earth. _____7. Carries astronauts and cosmonauts in space. _____8. Perform experiments on its surroundings. _____9. Observes and takes pictures of objects. _____10. Observes and measures temperature, pressure, radiation and objects in space.	***Direction:*** Rearrange the letters to find out some achievements/problems met in space 1. NEGOXY =_____ 2. EIHWTG = _____ 3. EARSTHATYGRIV = _____ 4. FODO = _____ 5. ORNITAIAD = _____ 6. URIY AAGRING = _____ 7. LNIE GOMNSTRAR = _____ 8. TIVANALEN VAKOTERESH = _____ 9. INERAM2 = _____ 10. RREAGN7 =_____	Test Proper

	_____ 7. The universe will never come to an end because there will always be a fresh supply of Hydrogen created out of nothing. _____ 8. According to Edwin Hubble, distant galaxies are moving away from us in every direction at great speed. _____ 9. These theories are only guesses proposes by astronomers. They have not been proven to be true yet. _____ 10. According to other scientists, although our universe is expanding, it will eventually slow down and contract, They call it the Big Crunch Theory. Big bang was the result of the Big Crunch theory	_____ 7. These theories are only guesses proposed by astronomers. They have not been proven to be true yet. _____ 8. Some people believe that there might come a time when these stars would move so far away from us that we cannot see them anymore. _____ 9. This theory states that the universe expanded from a ball of matter _____ 10. This theory states that the universe is constant in size and uniform throughout.			
J. Additional learning	Research on some recent space explorations that tend to support one of the Theories of the origin of the universe.				
V.REMARKS					Passing of papers, answering the questions, checking the answers, recording and interpreting the data
VI. REFLECTION					
A. No of learners who earned 80% in the evaluation					
B. No of learners who require additional activities for remediation who scored below 80%					
C. Did the remedial lessons work? No of learners who have caught up with the lesson.					
D. No. of learners who continue to require remediation					

E. Which of my teaching strategies worked well? Why did these work?					
F. What difficulties did I encounter which my principal or supervisor can help me solve?					
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?					

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