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School	Grade Level	Five
Teacher	Learning Area	Science
Teaching Date and Time	Quarter	Second Week 2

GRADES 1 to 12 DAILY LESSON LOG

	Monday	Tuesday	Wednesday	Thursday	Friday			
I.OBJECTIVES		l		l				
A.Content Standards	The learners demonstrate un	The learners demonstrate understanding of how the parts of the human reproductive system work						
B.Performance Standards	The learners should be able t	he learners should be able to practice proper hygiene to take care of the reproductive organs						
C.Learning Competencies/O bjectives	The learners should be able to describe the changes that occur during Puberty S5LT-IIb-2	The learners should be able to describe the changes that occur during Puberty S5LT-IIb-2	The learner should be able to identify the changes that occur during puberty for female S5LT-IIb-2	The learner should be able to identify the changes that occur during puberty for male S5LT-IIb-2	The learner should be able to present a creative activity showing changes that occur during puberty S5LT-IIb-2			
II.CONTENT	Puberty and Adolescence Stage	Puberty and Adolescence Stage	Changes that occur during Puberty for Female	Changes that occur during Puberty for Female	Show Changes that occur during Puberty through creative activities			
III.LEARNING RESOURCES								
A.References								
1.Teacher's Guide pages	CG p.	CG p.	CG p.	CG p.				
2.Learners's Materials pages								
3.Textbook pages	a. Sci-Bytes Worktext in Science 5 pp 106 – 108 b. Science A Closer Look Philippines; Dr. Jay K. Hackett et.al.,pp 110 – 114 c. Science Works Grade 5; Myla Corazon S. Casinillo, p	Cyber Science 5, Nicetas G. Valencia et. al., pp. 23 – 24;	Cyber Science 5, Nicetas G. Valencia et. al., pp. 23 – 24;	The Wonderful World of Science 5, Jesus Q. Javier et.al, pp. 12 – 15;				
4.Additional materials from learning			https://www.youtube.com/watch?v =QFx6GlpsZNI	https://www.youtube.com/watch ?v=JjmVurLWECA	https://www.youtube.com/watc h?v=urdeS_olcJ0 https://www.youtube.com/watc h?v=iJvpGC-Dg_w			

resource (LR)					
portal B.Other Learning Resource	Pictures, activity sheet, chart, PowerPoint presentation	Chart, activity sheet, pictures, PowerPoint presentation, laptop	Video presentation, activity sheet, chart, PowerPoint presentation, laptop	Activity sheet, video presentation, PowerPoint presentation, laptop	Rubric, activity sheet, PowerPoint presentation, video clip
IV.PROCEDURES					
A.Reviewing previous lesson or presenting the new lesson	Label the following numbered parts of the male and female reproductive systems	Directions: Write the word FACT if the statement is correct and word BLUFF if it incorrect. 1. Puberty is the process through which a child's body matures in adult body capable of sexual reproduction. (FACT) 2. Adolescence is the period between puberty and adulthood. (FACT) 3. Growth decreases in the first half of puberty and stops at the completion of puberty. (BLUFF) 4. Boys typically enter puberty about 2 years after girls do. (FACT) 5. Estrogen triggered by changes in hormones from the endocrine system. (BLUFF)	Cite the changes that occur during the puberty of female?	Inside the mystery box the pupil will guess the correct answer written in a strip of paper. 1. They experience squeaking (voices) 2. Their bodies take (shapes) 3. They increase in (height	Describe some physical changes that occur in male and female during puberty
B.Establishing a purpose for the lesson	What have you observed in the picture? Why do you think the girl is conscious on her face? When do you think pimples occur?	Pictures of the male and female	A video presentation https://www.youtube.com/watch?v =QFx6GIpsZNI What have you noticed with the sounds you've heard?	A video presentation https://www.youtube.com/watch ?v=JjmVurLWECA What have you observed in the video presented? Is there any difference that occured? Why do you think it happened?	A video presentation What can you say about the video presented? Why do female/girls use napkin? Why do male/boys need to use deodorant?

		Is there a difference between how the boy and girl look today and how they looked when they were much younger?			
C.Presenting Examples/ instances of the new lesson	Group Activity: "The Beginning" I. Problem: What are the physical changes that happen during childhood to adolescence? II. Materials: Activity sheet, chart III. Procedure: 1. Make a timeline of important events in your life. Begin with the day you were born. Include other events that you were told that took place or that you still remember.	Presenting examples/ instances of the lesson Group Activity: "See Change" I. Problem: What are the changes in female? II. Materials: picture of female showing the growth and development or stages, childhood and adolescence III. Procedures: 1. Use the pictures provided to observe the physical appearance of	Group Activity: "Let's Talk and Observe" I. Problem: What are the physical changes that occur during puberty of male? II. Materials: Chart , activity sheet III. Procedure: 1. Describe what happens to each body part listed during puberty in male. Write your answers on the table below. IV. Data and Observation Body Changes Observed Parts in Male Chest and shoulder Neck Face	Group Activity: "Are You Going Through Puberty?" I. Problem: What are the changes in female and male during puberty? II. Materials: pictures of female and male ages 5, 7, 10 years old and now, chart III. Procedure: 1. Work in groups with five to six members. Observe the pictures of male and female with ages 5, 7, and 10 years old and the most recent picture. List down some changes that you notice in each picture. Discuss them among your	1. Setting Standards 2. Group the class into four. 3. Distribute activity sheets and materials to be used. 4. Let the pupils perform the activity. I have here some situations of the different activities that depict on the changes that occur during puberty. Group I – The Actor/Actress Show the different changes that occur in male and female during puberty through acting. Group II – The Reporters Perform a 2 minute radio
	2. Data and Observation Ages Events 1 – 3 4 – 8 9 – 12	female during childhood and adolescence. 2. Infer the different changes that take place from childhood to Adolescence. 3. Record your observations by filling out the table below.	Height and weight Armpit Voice Sex organ Questions: a. How do you feel about the changes? b. If you were a male what changes do you like most/least? Why?	group members. 2. Observe each picture of male and female in your group. Examine the change that are unique to a male and female and the changes that are common to both at present. 3. Study the list of changes that happen during puberty given to you. Compare them with your observation.	broadcast about the changes that occur in puberty Group III – The Painter Illustrate the changes that occur during puberty for female and male Group IV – The Poet Write a poem or a verse about the changes that occur during puberty for female and male

		IV. Data and Observation Features Features during during childhoo adolescenc d e	V. Conclusion:	4. Indicate whether the specific changes only happen to male, female, or to both female and female. 5. Tabulate your answer	
		Questions: 1. Did you notice some changes in female? What are these changes? 2. If you were the girl in the picture, what will you feel on the changes that happened? Why or why not?		IV. Data and Observation Questions: a. What changes occur only in male? b. Which changes occur only in female? c. Which changes are common to both male and female? V. Conclusion	
D.Discussing new concepts and practicing new skills #1	Group Reporting / Presentation of the Output Sharing of results	V. Conclusion: Group Reporting / Presentation of the Output Sharing of results	Group Reporting / Presentation of the Output Sharing of results	Group Reporting / Presentation of the Output Sharing of results	Group Reporting / Presentation of the Outputs Sharing of results
E.Discussing new concepts and practicing new skills #2	1. Answer these questions: a. What are the important events that took place when you were a child up to this date? b. Which of those things are you still doing?	Answer these questions: a. What are the changes that occur during childhood and adolescence in female? b. Which of the following change is physical, emotional and intellectual?	Answer these questions: a. What are the changes that occur during puberty in male? b. Which of the changes is physical, emotional and intellectual?	Answer these questions: What can you say about the physical changes that male and female experience during puberty?	Answer these questions: What can you say about the physical changes that male and female experience during puberty?
	c. What changes have you noticed as you grow in your physical appearance? d. In what stage of human development do these changes occur?				
F.Developing Mastery	Direction: Draw a happy face ϑ if the statement is correct and sad face Λ it is incorrect.	Direction: Identify whether the following statements are physical, emotional and intellectual changes.	Let the pupils share personal experiences about the changes that happen to them during puberty in male. Using the suggested grouping.	Direction: Based on the result of the activity complete the Venn diagram regarding the physical change in male and female	Direction: Write TRUE if the sentence is correct about changes experienced by female and male during puberty and

G Einding	1. Mood swing is due to the production of estrogen or testosterone levels. 2. Puberty is not considered as a confusing event. 3. Do not accept the changes in your body. 4. Respect your body. 5. Talk to someone you can trust about your personal feelings and the changes you are going through.	1. the hips become wider and breasts develop 2. develop a curvy waistline 3. admiration towards opposite sex 4. consciousness on how body changes 5. associate with friends	A short reporting/ presentation of output will follow	How should you sone with the	FALSE if it is not. Then underline the word that makes it incorrect. Write your answer on the blank before each number.
G.Finding Parctical application of concepts and skills in daily living	Now that you have reached the puberty and adolescence stage what are the things that you have to consider? 1	a. How are you going to appreciate the change that occurs in your body during the puberty stage? b. You have notice some bodily changes happen to you during puberty how would you react to this?	How should you cope with the changes occurring during this stage in your life?	How should you cope with the changes occurring during this stage in your life?	How should you cope with the changes occurring during this stage in your life?
H.Making generalization and abstraction about the lesson	a. What is the difference between puberty and adolescence stage? b. What are the characteristics of puberty? Adolescence stage?	a. Based on the activity conducted, what changes occur during the puberty stage of female? b. What age does puberty occur in female?	a. Enumerate the changes that occur during puberty for male b. What can you say about the changes that male experience during puberty?	a. Enumerate the changes that occur during puberty for male and female b. What can you say about the changes that male experience during puberty?	a. Enumerate the changes that occur during puberty for male and female b. What can you say about the changes that male experiences during puberty?
I.Evaluating learning	Direction: Identify the word/s that are describe in the following statements. Choose the answer inside the box below.	Direction: Write the word TRUE if the statement is correct and FALSE if the statement is incorrect.	Direction: Choose inside the box the changes in male during puberty a.Menstrual f. Adam's flow apple appear	Direction: Draw if the change refers to a physical change that occurs among female, if it occurs among male, and	Direction: Read each question carefully. Write the letter of the correct answer on the blank before each number.

Puberty testosterone	1. puberty of girls took			. if it occurs for both male and	1. Its occurrence among
hormone Menarche adolescence 1. It causes	place at the age between 9 - 11	b. Deeper voice	g.Mustache	female. Write your answer on the blanks before each number.	females signals the start of their reproductive maturity. Which one is it?
both physical and emotional changes	enlargement of the breast	c. Bigger	appear	1. Experiencing growth spurts	a. Appearance of pimples b. Onset of menstruation
2. It is the male hormone that triggers the development of male secondary sexual traits.	4. onset of menstruation 5. larger and stronger muscles develop	breast	h. Testes produce sperm	2. Getting hair on the arms, legs, armpit, and genitals area3. Widening of hips	c. Growth of hair in armpits d. Developing a high – pitched voice
3. It is the Puberty is initiated by that signals from brain to		d. Voice becomes high	i.Widening of	4. Development of muscles5. Having nocturnal	2. In Which age bracket does puberty set in? a. Between the ages of 6 – 10
the gonads4. The first menstruation is called		pitched e.Broader	hips	emissions or wet dreams	b. Between the ages of 9 -13 c. Between the ages of 11 - 16 d. Between the ages of 18 - 31
	ır	shoulder	j.Develops a fine skin		d. Between the ages of 18 – 21 3. Which of the following
and begins to develop the traits of an adult.					happens among female during puberty? a. Appearance of facial hair
					b. Broadening of hips and shoulders c. Thickening of vocal cords
					d. Widening of hips4. Which of the following
					changes do males experience during puberty? a. The muscles become smaller.
					b. The breasts are enlarged .c. The hips become wider.d. The voice becomes deeper.
					5. Which of the following do male and female
					experience when they reach the age of puberty?
					a. There is a rapid growth in height. b. Several physical changes occur
					in the body. c. They become more excited
					and curious to discover new things.

					d. All of the above
J.additional activities for application or remediation	Pupils will be grouped ahead of time Make a skit that shows activities related to puberty. (Rubrics will be used to assess performance)	Interview at least three (3) females who are about 9 – 11 years of age by asking the following questions: a. What changes have you observed in your body? b. How did you feel with these changes? Why? c. Are you comfortable with these changes? Why or why not?	What is the importance of circumcision for male? You may conduct an interview and have a research	Direction: Draw if the change refers to a physical change that occurs among female, if it occurs among male, and . if it occurs for both male and female. Write your answer on the blanks before each number	Make an analysis of an advertisement of your choice and discuss how changes in adolescents took place
V.REMARKS					
VI.REFLECTION					
A.No. of learners	Lesson carried. Move on	Lesson carried. Move on	Lesson carried. Move on to the	Lesson carried. Move on to	Lesson carried. Move on to
who earned 80% in the evaluation	to the next objectiveLesson not carried% of the pupils got 80% mastery	to the next objectiveLesson not carried% of the pupils got 80% mastery	next objectiveLesson not carried% of the pupils got 80% mastery	the next objectiveLesson not carried% of the pupils got 80% mastery	the next objectiveLesson not carried% of the pupils got 80% mastery
B.No.of learners who require additional activities for remediation	Pupils did not find difficulties in answering their lessonPupils found difficulties in answering their lessonPupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lessonPupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacherPupils mastered the lesson despite of limited resources used by the teacher.	Pupils did not find difficulties in answering their lessonPupils found difficulties in answering their lessonPupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lessonPupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacherPupils mastered the lesson despite of limited resources used by the teacher.	Pupils did not find difficulties in answering their lessonPupils found difficulties in answering their lessonPupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lessonPupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacherPupils mastered the lesson despite of limited resources used by the teacherMajority of the pupils finished their work on timeSome pupils did not finish their work on time due to unnecessary behavior.	Pupils did not find difficulties in answering their lessonPupils found difficulties in answering their lessonPupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lessonPupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacherPupils mastered the lesson despite of limited resources used by the teacherMajority of the pupils finished their work on time.	Pupils did not find difficulties in answering their lessonPupils found difficulties in answering their lessonPupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lessonPupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacherPupils mastered the lesson despite of limited resources used by the teacherMajority of the pupils finished their work on time.

	Majority of the pupils finished their work on timeSome pupils did not finish their work on time due to unnecessary behavior.	Majority of the pupils finished their work on timeSome pupils did not finish their work on time due to unnecessary behavior.		Some pupils did not finish their work on time due to unnecessary behavior.	Some pupils did not finish their work on time due to unnecessary behavior.
C.Did the remedial work? No.of learners who have caught up with the lesson	of Learners who earned 80% above	of Learners who earned 80% above	of Learners who earned 80% above	of Learners who earned 80% above	of Learners who earned 80% above
D.No. of learners who continue to require remediation	of Learners who require additional activities for remediation	of Learners who require additional activities for remediation	of Learners who require additional activities for remediation	of Learners who require additional activities for remediation	of Learners who require additional activities for remediation
E.Which of my teaching strategies worked well? Why did these work?	YesNo of Learners who caught up the lesson	YesNo of Learners who caught up the lesson	YesNo of Learners who caught up the lesson	YesNo of Learners who caught up the lesson	YesNo of Learners who caught up the lesson
F.What difficulties did I encounter which my principal or supervisor can helpme solve?	of Learners who continue to require remediation	of Learners who continue to require remediation	of Learners who continue to require remediation	of Learners who continue to require remediation	of Learners who continue to require remediation
G.What innovation or localized materials did used/discover which I wish to share with other teachers?	Strategies used that work well: Metacognitive Development: Examples: Self assessments, note taking and studying techniques, and vocabulary assignmentsBridging: Examples: Think-pair-share, quick-writes, and anticipatory chartsSchema-Building:	Strategies used that work well: Metacognitive Development: Examples: Self assessments, note taking and studying techniques, and vocabulary assignmentsBridging: Examples: Think-pair-share, quick-writes, and anticipatory chartsSchema-Building:	Strategies used that work well: Metacognitive Development: Examples: Self assessments, note taking and studying techniques, and vocabulary assignmentsBridging: Examples: Think-pair-share, quick-writes, and anticipatory charts. Schema-Building: Examples: Compare and contrast, jigsaw learning, peer teaching, and projects.	Strategies used that work well: Metacognitive Development: Examples: Self assessments, note taking and studying techniques, and vocabulary assignmentsBridging: Examples: Think-pair-share, quick-writes, and anticipatory charts. Schema-Building: Examples: Compare and contrast, jigsaw learning, peer teaching, and projects.	Strategies used that work well: Metacognitive Development: Examples: Self assessments, note taking and studying techniques, and vocabulary assignmentsBridging: Examples: Think-pair-share, quick-writes, and anticipatory charts. Schema-Building: Examples: Compare and contrast, jigsaw learning, peer teaching, and projects.
	Examples: Compare and	Examples: Compare and	Contextualization:	Contextualization:	Contextualization:

contrast, jigsaw learning,	contrast, jigsaw learning,	Examples: Demonstrations, media,	Examples: Demonstrations,	Examples: Demonstrations,
peer teaching, and projects.	peer teaching, and projects.	manipulatives, repetition, and local	media, manipulatives, repetition,	media, manipulatives, repetition,
		opportunities.	and local opportunities.	and local opportunities.
Contextualization:	Contextualization:			
Examples: Demonstrations,	Examples: Demonstrations,	Text Representation:	Text Representation:	Text Representation:
media, manipulatives,	media, manipulatives,	Examples: Student created	Examples: Student created	Examples: Student created
repetition, and local	repetition, and local	drawings, videos, and games.	drawings, videos, and games.	drawings, videos, and games.
opportunities.	opportunities.	Modeling: Examples: Speaking	Modeling: Examples:	Modeling: Examples:Speakin
		slowly and clearly, modeling the	Speaking slowly and clearly,	g slowly and clearly, modeling
Text Representation:	Text Representation:	language you want students to use,	modeling the language you want	the language you want students
Examples: Student created	Examples: Student created	and providing samples of student	students to use, and providing	to use, and providing samples of
drawings, videos, and	drawings, videos, and	work.	samples of student work.	student work.
games.	games.			
Modeling: Examples:	Modeling: Examples:	Other Techniques and Strategies	Other Techniques and Strategies	Other Techniques and Strategies
Speaking slowly and clearly,	Speaking slowly and clearly,	used:	used:	used:
modeling the language you	modeling the language you	Explicit Teaching	Explicit Teaching	Explicit Teaching
want students to use, and	want students to use, and	Group collaboration	Group collaboration	Group collaboration
providing samples of	providing samples of	Gamification/Learning throuh	Gamification/Learning throuh	Gamification/Learning
student work.	student work.	play	play	throuh play
		Answering preliminary	Answering preliminary	Answering preliminary
Other Techniques and	Other Techniques and	activities/exercises	activities/exercises	activities/exercises
Strategies used:	Strategies used:	Carousel	Carousel	Carousel
Explicit Teaching	Explicit Teaching	Diads	Diads	Diads
Group collaboration	Group collaboration	Differentiated Instruction	Differentiated Instruction	Differentiated Instruction
Gamification/Learning	Gamification/Learning	Role Playing/Drama	Role Playing/Drama	Role Playing/Drama
throuh play	throuh play	Discovery Method	Discovery Method	Discovery Method
Answering preliminary	Answering preliminary	Lecture Method	Lecture Method	Lecture Method
activities/exercises	activities/exercises	Why?	Why?	Why?
Carousel	Carousel	Complete IMs	Complete IMs	Complete IMs
Diads	Diads	Availability of Materials	Availability of Materials	Availability of Materials
Differentiated	Differentiated	Pupils' eagerness to learn	Pupils' eagerness to learn	Pupils' eagerness to learn
Instruction	Instruction	Group member's	Group member's	Group member's
Role Playing/Drama	Role Playing/Drama	collaboration/cooperation	collaboration/cooperation	collaboration/cooperation
Discovery Method Lecture Method	Discovery Method	in daine their teals	in daine thair teals	in deine their teels
Why?	Lecture Method Why?	in doing their tasks Audio Visual Presentation	in doing their tasks Audio Visual Presentation	in doing their tasks Audio Visual Presentation
Complete IMs	Complete IMs	of the lesson	of the lesson	of the lesson
Availability of Materials	Availability of Materials	of the lesson	of the lesson	of the lesson
Pupils' eagerness to	Pupils' eagerness to			
learn	learn			
Group member's	Group member's			
collaboration/cooperati	collaboration/cooperati			
on	on			
in doing their tasks	in doing their tasks			
Audio Visual	Audio Visual			
Presentation	Presentation			
of the lesson	of the lesson			

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