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| **GRADE 10**  **DETAILED LESSON PLAN** | **School** | **CAMALEY NATIONAL HIGH SCHOOL** | **Grade Level** | **10** |
| **Student-Teacher** | **KITZ CERWIN S. RAMIREZ** | **Learning Areas** | **SCIENCE** |
| **Teaching Dates and Time** | **11:00-12:00 &2:00-3:00**  **March 13,2024 Tuesday** | **Quarter** | **3rd Quarter** |

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| **I. OBJECTIVES** |  | | |
| **A. Content Standard** | The learners demonstrate an understanding of how feedback mechanisms coordinated by Male Reproductive System | | |
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| **C. Learning Competencies/Objectives** | Describe how endocrine system coordinates and regulates these feedback mechanisms to maintain homeostasis. **(S10LT-IIIc-36)**  **Specific Objectives:**   a.) Identify the parts and functions of male reproductive systems  b) Explain the roles of hormones in male reproductive systems. | | |
| **II. CONTENT** | **Coordinated Functions of the Nervous, Endocrine and Reproductive Systems (THE MALE RPRODUCTIVE SYSTEM)** | | |
| **III. LEARNING RESOURCES** |  | | |
| **A. Instructional Materials** | * Slide presentation * Charts and Illustration | | |
| **B. References** |  | | |
| 1. **Teacher`s Guide pages** |  | | |
| 1. **Learner`s Materials pages** | * Science 10 LM pp.247-248 | | |
| 1. **Textbook pages** |  | | |
| 1. **Additional Learning Materials** |  | | |
| **C. Other Learning Resource** |  | | |
| **D. Science Processes** | * Analyzing, Comparing, Interpreting, and Observing | | |
| **E. Values Integration** | * Active Participation, Curiosity, Decision-Making, Keen observer, and Open-Mindedness | | |
| **IV. PROCEDURES** |  | **TEACHER** | **STUDENT** |
| 1. **Reviewing Previous lesson or presenting a new lesson.** | **ELICIT** | **Preliminary activities**   1. **Prayer**   Good morning class*!*  May I request everyone to all stand and let us feel the presence of the lord.  Class president kindly lead the prayer    Please be seated!  How are you today?  Okay That’s great. I'm glad that all of you are fine and no one is sick*.*   1. **Classroom management**   Before you take your seats, kindly pick up the pieces of trash under your chair and also arrange yourself into alphabetical.   1. **Checking of attendance**   Who’s assign secretary of this section? Kindly check the attendance of your classmates. However, I will call your name to know you and familiarize your name  Is there any absent today?  Very good! I'm glad that all of you are present today*.*  Before we start to our new lesson, may we have a short recap about our lesson yesterday?  What was our last discussion all about?    Very good! Do you have any questions for that?  That’s great! | **(The students will stand)**  **(The students bow their heads and pray)**  Good morning Sir Ramirez,  Thank you, sir!  Were fine and feel better  Sir.  None sir    (The student will pick up the pieces of trash under their chairs and arrange their chairs to their respective arrangement***)***  Yes Sir, I’m the secretary.  None Sir, all of us are present today.  Okay sir  We discussed about the Effects of Hormones in the Body  Hormones affect various processes in the body as they regulate and balance the functioning of organs, tissues and cells, Hormones have a great impact on your growth, appearance, emotions, and reproductive functions.  None sir! |
| 1. **Establishing a purpose** | **ENGAGE** | seems that everyone already remembered the  lesson that we have discussed last meeting. We  can now proceed to our lesson for today  seems that everyone already remembered the  lesson that we have discussed last meeting. We  can now proceed to our lesson for today  It seems that everyone already remembered the lesson that we have discussed last meeting. We can now proceed to our next topic for today.  As for our initial activity today! Let’s have a short activity game entitled ***“FIX ME, BECAUSE I’M JUMBLED”.***  It sounds that all of you are ready, to the start the game.  HERE ARE THE INSTRUCTIONS:   * I will divide the class into four groups. * The leaders of the group will pick an envelope with a set of jumbled letters inside. * Then all of you have to do is to fix it with correct words. * The first group to finish the activity game will receive a reward.   Are my instructions clear, class?  Let’s do this game! Entitled “FIX ME, BECAUSE I’M JUMBLED.  *TERMS TO ARRANGE:*  1.MREPS LLEC-  2.MUTORCS-  3.SETSET-  4.SINEP  5.ELAM-  Alright! Congratulations to the group\_\_, you are the group who finished arranging the words properly with shortest time consumed. Later, you will receive a reward for me.  All of you got the correct terms, Very Good class!  Give yourself an “**ANG GALING! GALING! CLAP!!!**  It goes like this….  (Clap...Clap...Clap) 123  (Hand stamp 3 times) 123  ANG GALING, GALING CLAP!  You all did a great job class! Congratulations. | Yes sir    1.SPERM CELL  2.SCROTUM  3.TESTES  4.PENIS  5.MALE |
| 1. **Presenting examples/instances of the lesson** | Based on the game that we played do you have any idea on what our topic for will be today?  That’s correct! But specifically, our topic for today is all about the Male Reproductive System.   Do you have any idea on what is Male and Female Reproductive System?  Very Good! It is essential in regulating growth and development, metabolism, as well as reproductive processes and mood.  Very Good! Are there any questions?  That’s great! | Our topic for today is all about the Male Reproductive System.  Yes Sir.  The male reproductive system and the female reproductive system both are need for reproduction. Humans, like other organisms, pass some characteristics of themselves to the next generation. We do this through our genes, the special carriers of human traits.  None sir! |
| 1. **Discussing new concepts and practicing new skills #1** | **EXPLORE** | Male Reproductive System - Structure, Organs, Functions - GeeksforGeeks | **Male Reproductive System:**   1. **Testes:** Located in the scrotum, they produce sperm and testosterone. 2. **Scrotum:** A sac of skin that holds the testes, regulating their temperature for optimal sperm production. 3. **Epididymis:** A coiled tube where sperm mature and are stored. 4. **Vas Deferens:** Tube that carries mature sperm from the epididymis to the ejaculatory duct. 5. **Seminal Vesicles:** Glands that produce seminal fluid, which nourishes and transports sperm. 6. **Prostate Gland:** Gland that produces a milky fluid that contributes to semen volume. 7. **Bulbourethral Glands:** Glands that produce a clear fluid that cleanses and lubricates the urethra.   **Penis:** The external sexual organ, used for sexual intercourse and urination |
| 1. **Discussion new concepts and practicing new skills # 2** | The students will play “Word Hunt “  **Activity 1** Directions: Search up, forward, backward, and on the diagonal, to find the hidden words.  C:\Users\kr677\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\D3A79A44.tmp | 1. . 2. . |
| 1. **Developing mastery (leads to Formative Assessment)** | **EXPLAIN** | Now, let’s study the different male reproductive systems  **What is Male Reproductive System.** | , including the prostate gland, vas deferens and urethra he male reproductive system. Includes the external genitals (the penis, testes, and the scrotum) and internal parts Your fertility and sexual traits depend on the normal functioning of your reproductive system, as well as hormones released from the brain.  **Male Reproductive System:** The male reproductive system includes organs such as the testes, scrotum, epididymis, vas deferens, seminal vesicles, prostate gland, bulbourethral glands, and penis. Its primary function is to produce sperm and deliver it to the female reproductive system during sexual intercourse. The male reproductive system also produces hormones, particularly testosterone, which is responsible for the development of male secondary sexual characteristics and the maintenance of reproductive tissues.Top of Form |
| 1. **Finding practical applications of concepts and skill in daily living** | **ELABORATE** | Now that we our done with our lesson I’ll prepared questions that I will going to ask  **1.What are the primary organs of the male reproductive system?**  **2.What is the role of testosterone in the male reproductive system?**  **3.What role does the penis play in reproduction?** | 1.The primary organs of the male reproductive system include the testes, epididymis, vas deferens, prostate gland, seminal vesicles, and penis.  2.Testosterone is the primary male sex hormone and is responsible for the development of male reproductive tissues, such as the testes and prostate, as well as secondary sexual characteristics like facial hair and deep voice.  3.the penis is the male organ of copulation. During sexual intercourse, it delivers sperm into the female reproductive tract. |
| 1. **Making Generalization and abstraction about the lesson** |  | Now, let’s look back, what is main is the main role male reproductive systems?    Very good! Excellent! I think you are all now ready for the quiz. | The main role of the male reproductive system is to produce and deliver sperm, which are the male gametes responsible for fertilizing the female egg during sexual reproduction. Here are the main components and functions of the male reproductive system: |
| 1. **Evaluating Learning** | **EVALUATE** | Let's evaluate what you've gained in understanding about Male Reproductive Systems today.  **SHORT QUIZ**  Directions : Choose the correct answer. Encircle the correct answer  1, The release are semen from the penis during intercourse is known as?  A. implantation b fertilization c.ejaculation d. pollination  2. Sperm is made here?  a. the urethra b. the sperm duck c.the pancreas d. the testis  3. Which on the following is not part of male reproductive system?  a. seminal vesicles b urethra c. kidney prostate gland  4.At what age does puberty usually start in boys?  a.12 to 14 years of age b. 20 years of age c.16 to 18years of age d.10 to 11 years of age  5.Approximately how many sperm cells are produced by each testicle daily by a mature male?  a.1 b. 200 c.5,000 d. 85 million | 1.c ejaculation  2.d testis  3.c. kidney  4.12-14 years old age  d. 85 million |
| 1. **Extending Learning/Additional activities for application or remediation** | **EXTEND** | ASSIGNMENT: Research about female reproductive system parts and functions? |  |
| **V. REMARKS** |  |  | |
| **VI. REFLECTION** |  |  | |
| 1. **No. of learners who earned 80% in the evaluation** |  |  | |
| 1. **No. of Learners who require additional activities for remediation** |  |  | |
| 1. **Did the Remedial lessons work? No. of learners who have caught up with the lesson** |  |  | |
| 1. **No. of Learners who continue to require remediation** |  |  | |
| 1. **Which of my teaching strategies work well? Why did this work?** |  |  | |
| 1. **What difficulties did I encounter which my principal or supervisor can help me solve?** |  |  | |
| 1. **What innovation or localized materials did I use/discover which I wish to share with other teachers?** |  |  | |

*Prepared by:* Noted by:**KITZ CERWIN RAMIREZ RAPHAEL MATHEW MARARAC**   
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