

# ANATOMY & PHYSIOLOGY

## Lesson 4

5  
GRADE

### LEARNER OUTCOME<sup>1</sup> W-5.3:

Identify the basic components of the human reproductive system, and describe the basic functions of the various components; e.g., fertilization, conception.



#### MATERIALS:

1. HANDOUT: The Journey of a Sperm
2. HANDOUT: Sperm Production Story
3. OVERHEAD: Sperm Production
4. ANSWER KEY: Male Reproductive System



#### INTRODUCTION:

This lesson encourages students to examine sperm production in greater detail.



#### APPROACHES/STRATEGIES:

##### A. Ground Rules

Ensure ground rules are established before beginning this lesson. For classes that have already established ground rules, quickly reviewing them can promote a successful lesson.

##### B. Sperm Production

*Students examine sperm production. Choose one of the following options:*

##### Option One: Cloze Story

1. Distribute the handout The Journey of a Sperm.
2. Encourage students to complete the activity by filling in the blanks with the appropriate terms. This can be accomplished individually or using a small group technique such as think-pair-square.
3. Correct the handout using the Sperm Production overhead and the Male Anatomy answer key.

#### NOTES

(5 min)

(35 min)



You may want to make the answer key into an overhead and use it as a visual aid during the discussion.

## Option Two: True/False Story

1. Distribute the handout Sperm Production Story.
2. Encourage students to read the story and determine which branch is true each time there is a story branch. This can be accomplished individually or using a small group technique such as think-pair-square.
3. Correct the handout using the Sperm Production overhead and the Male Anatomy answer key.

### C. Class Discussion

(10-15 min)

*Students review their knowledge of process of sperm production and the menstrual cycle.*

1. What do you think is most interesting about sperm production?
  - Encourage students to provide appropriate comments.
2. What does a male need to be able to produce before he is able to produce a baby?
  - A male needs to be producing sperm in order to be able to produce a baby.
3. Who can you ask if you still have questions about sexuality?
  - Parent
  - Trusted Adult
  - Teacher or Guidance counselor
  - Doctor or Nurse



## QUESTION BOX:

(10 min)

If time permits, address student questions.



## SELF REFLECTION:

- During the lesson, were:
- Ground rules being followed?
  - Good practices established regarding group work and discussion?

What will you change for future classes with this group?

What will you change for future use of this lesson?



## STUDENT ASSESSMENT:

During the lesson, did students:

- Knowledge:**
- Explain the process of sperm production?
  - Identify parts in the male reproductive anatomy using appropriate terminology?
- Skills:**
- Participate in class discussion and exemplify listening and appropriate speaking skills?
  - *Identify support people students could ask about the body?*
- Attitudes:**
- Accept that sperm production could result in producing a pregnancy?

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<sup>1</sup>Alberta Learning. (2002). Health and life skills, Kindergarten to grade 9. Retrieved July 4, 2007, from [http://www.education.gov.ab.ca/K\\_12/curriculum/bysubject/healthpls/healthgi.asp](http://www.education.gov.ab.ca/K_12/curriculum/bysubject/healthpls/healthgi.asp)