Lesson Plan Idea Format

Grade Level & Subject Area: 9th Grade Science

Standards/Framework (Common Core, NAEYC, Mid-level ....):

Common Core Standards

1. list the characteristics of the skin, explain the structure and function of the skin. *(CCSS.ELA-LITERACY.CCRA.W.2)*

2. compare and contrast thin vs thick skin. *(CCSS.ELA-LITERACY.RST.6-8.9)*

3. describe the changes the integumentary system undergoes with age. *(CCSS.ELA-LITERACY.W.6.9), (CCSS.ELA-LITERACY.W.6.4)*

4. identify the types of skin diseases, their cause, symptoms and treatments. *(CCSS.ELA-LITERACY.WHST.6-8.1.B), (CCSS.ELA-LITERACY.SL.6.1.A)*

5. classify burns on the amount of skin damage they produce; discuss the treatment for burns. *(CCSS.ELA-LITERACY.CCRA.W.2)*

Theme/Series of Lessons (if Not applicable, put N/A. If it is part of a series, of lessons, tell me, give a BRIEF description of the overall and tell me where this particular lesson fits):

This lesson is part of a series of lessons on the integumentary system. This would be the first lesson to establish the basic groundwork for the structure and function of the skin. The series would last about five days and would include the following days of lessons: Integumentary System-Epidermis & Dermis (take two class periods), Lab-The Skin (use microscopes and videos showing the differences in skin cells), Aging of Skin and Skin Diseases / Burns.

Time (is this a 1 day 50-minute lesson, 5 day 1 hour lesson, once a week over a month lesson....):

This first lesson on the integumentary system will need two 50-minute class periods to cover the content properly. The entire series will need five full class periods and then one class for final assessment.
What do the students already know? (This could be the Intro or they have learned information before starting this lesson):

The students will have already started with etymology to help decode new words that they will encounter. They will have completed the introduction to the human body where they will learn anatomical planes or dissection, directional terms & body cavities. They will already know the principal systems of the human body, and some organs and basic function of each system. They will understand the human cell and how it is the basis for all life and the function of the cell components. They will have a basic understanding of genetics and cell reproduction.

Objective (What are the students’ going to accomplish):

List the characteristics of the skin; explain the functions and structure of the skin.

Materials:

Notebook, pencil, textbook, worksheets, computer for each student with internet access, smartboard, teacher computer, PowerPoint, YouTube, and Movie Maker.

Procedure:

Lecture / class discussion on the characteristics, functions, and structure of the skin. Use of YouTube to show different videos on the content. Use the internet and textbook to answer review questions at the end of the chapter. The internet will be used to expand on the answers that the student finds in the book.

Assessment (How will the students’ show you that the objective has been met):

I will place the students into groups of four where they will create a presentation using Movie Maker to demonstrate their basic understanding of the integumentary system structure and function. The students will be provided a rubric that breaks down the responsibilities of the members of the group. There will also be a multiple-choice test to individually assess each student’s comprehension after the videos have all been presented to the class.
A Brief Description Of The Entire Lesson - Plus Any Additional Information to be Included:

The lesson will cover the characteristics, structure and function of the integumentary system. The content will be covered by utilizing the smartboard, YouTube, PowerPoint, Photostory, and traditional lecture and questions. The students will be assessed by individual structured response question test, and a small group project where they will create a Movie Maker project to display their understanding of the content.

(I should be able to see and understand your entire lesson by reading this. Remember, Technology is not the lesson. It enhances the lesson)