**Medical Terminology**

**Lesson Plan the week of 3/2/15-3/6/15**

**Agenda:**

**3-4-15-3-5-15**

**Do-Now**

1. Military Time

 2. Quiz-3/5-3/6-15

1. Practice word parts-classroom assignment

2. Complete Health Center 21 Word Parts and anatomical directions

3. Teacher will clarify misunderstanding

4. Anatomy and Physiology-Body Planes and word-part activity (Trace outline of human body)

**Objectives:** 1. Student will be able to identify medical abbreviations to avoid medical errors.

 2. Student will learn body plane and directions.

 3. Student will be able to build and break apart medical terms to create or define medical

 terminology.

 4. Student will learn the common medical terminology for each body system.

**MASTERY FOCUS**  **(PL-2, PL-3, I-1, I-6) Principle of Health Science**

**Essential Understanding:** On completion of this lesson, student will be able to identify, spell, and define medical terms related to diagnosis, pathology, and treatment of the major body systems.

**Standards: What will students know, understand, and be able to do?**

**Objectives:**

1 Student will be able to identify the medical terminology related to the anatomical parts of the body systems.

2. Student will learn the medical abbreviations used in the medical field

3. Student will identify medical abbreviation to maintain safe practices when interpreting medical forms.

4. Student will identify prefixes, suffixes and combining forms to correctly pronounce and define medical terms.

5. Students will be able to describe the directional terms and label the body planes and cavities.

6. Students will identify the organs and functions of the body systems.

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| --- | --- |
| **TEKS**1 (D), 1 (E), 9 (B), 10 (A) | **ELPS**[Boggle's World ESL Activities | Project SHINE](http://www.google.com/url?sa=t&rct=j&q=boggle%20esl&source=web&cd=13&cad=rja&uact=8&ved=0CFQQFjAM&url=http%3A%2F%2Fwww.projectshine.org%2Fboggles-world-esl-activities&ei=9OPCVIL2LMy0yAT264GACA&usg=AFQjCNF6zIibOBHiW04Ye4oWHVS43km9Wg)( |

**Key Vocabulary: What key terms will my students need to understand?**

 **Key Terms:**

Word parts Military Time Medical Terminology Cardiovascular System

Prefix Suffix Combining Form Respiratory System

Skeletal System Muscular System Digestive System Nervous System

Urinary System Anterior Posterior Lateral

Proximal Medial Distal Transverse

Horizontal Sagittal Frontal Superior

Endocrine System Lymphatic System Sensory System Integumentary System

**Assessment Plan:** Discuss knowledge of key terms.

 **Do Now**: 1. Student will build medical terms

2. Quiz on word parts

 3. Oral & Written test -Identify parts of body organ

 4. Identify Military time

 **Home Work:** Breaking down word by identifying prefix, suffix, and combining form

on index cards.

 **LESSON CYCLE** I. Students Will learn the key terms, military time, medical abbreviation, and word parts. Why It Is Important? (**The students need to know the meaning of the key terms, medical abbreviations, and word parts to correctly interpret medical orders, medical documentation, medical history taking, prescriptions, and other medical forms related to the body systems.** Health care workers are expected to recognize most common abbreviations and the correct pronunciation of medical terms.

 **Health Science students must learn the fundamentals of what is needed to prevent**

 **Medication errors and provide the highest optimal care to patients by correctly**

 **Interpreting doctor orders and medical data.**

II. Introduction to New Material –

1. **Students will view and discuss a PowerPoint on introduction to medical terminology.**
2. **Review content in text book and handouts.**
3. **Review content related to lesson per website and links to medical terminology**

III. Guided Practice

1. **Teacher will clarify and check for understanding by asking open-ended questions.**
2. **Teacher will pace the classroom to clarify misunderstanding.**
3. **Teacher will introduce content to be learned and review key terms.**
4. **Teacher will demonstrate skill practices.**
5. **Teacher will review agenda and objectives daily**
6. **Teacher will review resources and equipment needed to problem solve student centered lessons**.
7. **Teacher will provide a study guide to prepare for 6 weeks test**.

IV. Independent Practice

1. **Student to define and write key terms.**
2. **Student to take notes from PowerPoint.**
3. **Student to complete homework**
4. **Student to complete worksheets in class**
5. **Student to identify parts of the body systems using the proper medical terms**
6. **Groups and independent study to learn medical terms.**
7. **Student will complete six week project to place on display.**

V. The Closing – **Classroom discussions to check for understanding. Ask students did we meet and learn the objectives for the day. Play kahoot or other games to check for mastery. Clarify misunderstanding. Student will complete exit ticket**

**How will I engage my students in learning? How will I lead my students to mastery?**

 **CHECKS FOR UNDERSTANDING (I-2)**

|  |  |
| --- | --- |
| 1. **Engage and Connect (30-min):**

**Do Now:** 15 minutesHands on group activityIndependent practiceOnline group studies.Group activity –Problem solve questions related to the body systems. | Review Do NowClarify misunderstandingAllow students to demonstrate what was learned |
| 1. **Introduce New Learning (15-20 min):**

PowerPoint- Introduction to medical terminologyHealth Century 21Demonstrate skill practiceExplain why correct pronunciation of medical terms prevent medical errors.Introduce Prefixes, suffixes, and combining forms to make word parts.Provide case study for independent student centered learning. | Student provide feedback by demonstrating skills.Student are able to voice why lesson is important during guided questionsStudent provide feedback on the overhead board practicing breaking down medical terms |
| 1. **Lead Guided and Independent Practice (25 min):**

**Guided Practice (10 min):**Demonstrate How to use combing forms and word parts.Review actual malpractice cases due to misinterpreting MD orders or medical documentation.Health Century 21-lesson plans, online practice and work sheets.**Independent Practice (25-30 min):**  | Clarify misunderstanding. By asking questions and reteach material as needed.Problem solve case studies to define medical terms and abbreviations.Complete lab worksheetComplete homework |
| 1. **Close the Lesson and Assess Mastery (10 min):**
 | Check understanding by open ended questions involving all students.Play Kohoot.Exit ticket QuizzesPeer ReviewFeedbackAccountable talk.Test (six week) |

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**DIFFERENTIATION (I-3)**

**How will I scaffold and/or accelerate learning? For whom? How will I group my students?**

**SCAFFOLD:** A Series of online studies and quizzes.

**ACCELERATE:** Have students read medical terms out loud and use prior knowledge learn to problem solve.

 **Group activity-** Student will present to peers word parts using the overhead projector.

 **Draw and trace a peers’ body to identify the parts of the body & the body planes**

 **using medical terminology.**

**GROUP:** Group according to academic level (high performing students grouped with lower performing students. (4-5 students per group). ESL student grouped with a Spanish speaking student.

![MC900432573[1]]()**LOGISTICS** **(I-6, I-10)**

**What materials, resources, and technology will I need to prepare and arrange?**

* Text Book
* Health Century 21
* Student workbook-Medical Terminology by Ann Ehrlich & Carol Schroeder
* Instructor’s Manual Introduction to Medical Terminology by Ann Ehrlich & Carol Schroeder
* Tracing paper and markers
* scissors
* index cards
* Lab-top (technology based lesson)
* Diversified Health Occupational PowerPoint
* Case studies
* [Medical Terminology Quiz # 1 flashcards | Quizlet](http://www.google.com/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=2&cad=rja&uact=8&ved=0CCYQFjAB&url=http%3A%2F%2Fquizlet.com%2F351637%2Fmedical-terminology-quiz-1-flash-cards%2F&ei=egbhVOPcEtSHsQTosoGACg&usg=AFQjCNE1QcPBknXD7XEFKXnmWhYCi5bujg)