

A LESSON PLAN
Post-graduate level
MEDICINE (biology): Diseases

Objectives	<p>Students will :</p> <ul style="list-style-type: none"> ❖ Introduce students to Disease symptoms ❖ Allow students to learn about prophylactic methods against diseases ❖ Create an appreciation for healthy way of life ❖ Show a presentation for Students to see what different diseases are actually like (should use diseases with visual symptoms: hepatitis, lung cancer, alcoholism, others) ❖ Each Student will individually create a picture of human organism affected by disease by using Pixenate program.
Learning Environment	<ul style="list-style-type: none"> ❖ Class room
Students	<ul style="list-style-type: none"> ❖ Biology students
ISTE/NETS Standards	<p>1. Facilitate and Inspire Student Learning and Creativity Teachers use their knowledge of subject matter, teaching, and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.</p> <p>Teachers:</p> <ul style="list-style-type: none"> ❖ promote, support, and model creative and innovative thinking and inventiveness ❖ engage students in exploring real-world issues and solving authentic problems using digital tools and resources ❖ promote student reflection using collaborative tools to reveal and clarify Students' conceptual understanding and thinking, planning and creative processes ❖ model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments

Materials	<ul style="list-style-type: none"> ❖ Computers in computer lab with Internet access ❖ Pixenate program
Procedure	<p>Anticipatory Set (10 Minutes)</p> <ul style="list-style-type: none"> ❖ Explain what are diseases, what were pandemic of the 17th century – till present time, causes of diseases ❖ Ask the students what they know about such diseases as hepatitis, lung cancer, alcoholism, others
Application	<p>(30 Minutes)</p> <ol style="list-style-type: none"> 1. The Students will learn how to use Pixenate program with the help of their teacher and instructions. 2. Then each Student will create a picture of his Dream House 3. Upload a file – Picture of a Healthy Face or Healthy lungs or Healthy Organism 4. Edit using 18 tools (8 of which are initially hidden under the link Show fun effects) Change the given picture of face, lungs, organism when a person is ill with hepatitis, lung cancer, alcoholism 5. Use: enhance, smoothen face, organ, resize, eye correction, change color of white teeth, charcoal 6. Mention the following: <ul style="list-style-type: none"> - Skin or organ color - Wrinkles - Eyes color - Teeth color 7. Save your picture to disk or to your flickr account or get a URL for it via Webshots for use your blog or MySpace page 8. After each Student has created his own picture, all Pixenate pictures will be evaluated by 50 points.
Evaluation	<ul style="list-style-type: none"> ❖ Closure (5 Minutes) <p>Turn to face of a healthy man ;) and BE HEALTHY</p>