<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="style.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ultra|Bevan">

    <link rel="icon" href="logo.png">

    <title>Dissection of Frog</title>

</head>

<body>

    <header>

        <h1>FR🐸G DISSECTION</h1>

    </header>

    <nav>

        <ul>

            <li><a href="#home">Home</a></li>

            <li><a href="#intro">Introduction</a></li>

            <li><a href="#materials">Materials</a></li>

            <li><a href="#procedures">Procedures</a></li>

        </ul>

    </nav>

    <div id="home" class="home">

        <div class="home-content">

            <div class="img-wrapper">

                <img src="em1.jpg" alt="with emmanuel">

            </div>

            <div class="description">

                <p>Hello! This webpage focuses on frog dissection, a lab activity in Earth and Life Science.

                    This is for educational purposes only!</p>

            </div>

        </div>

    </div>

    <div id="intro" class="intro">

        <div class="intro-content">

            <div class="text-title">

                <h1>INTRODUCTION</h1>

            </div>

            <div class="img-container">

                <div class="img"><img src="em2.jpg" alt="Emmanuel"></div>

                <div class="img"><img src="em3.jpg" alt="Emmanuel"></div>

                <div class="img"><img src="em4.jpg" alt="Emmanuel"></div>

            </div>

            <div class="description2">

                <p>Greetings! Meet Emmanuel, our frog, who undergoes dissection activity.

                    He’s a male frog that was caught in the creek by our classmate, Joemil Tamonan.</p>

            </div>

            <div class="objectives-container">

                <div class="title">

                    <h1>LEARNING OBJECTIVES</h1>

                </div>

                <div class="objectives-content">

                    <ol>

                        <li><p>Determine the different organs of the frog by dissection.</p></li>

                        <li><p> Illustrate the different snstomicsl systems of frog.</p></li>

                        <li><p>To observe and explore the internal and external anatomy of the frog as well as understand the function of these structures.</p></li>

                    </ol>

                </div>

            </div>

            <div class="froggie">

                <div class="frog1-wrapper">

                    <img src="frog-prince.png" alt="froggie" height="200">

                </div>

                <div class="frog2-wrapper">

                    <img src="frog-prince.png" alt="froggie" height="200">

                </div>

            </div>

        </div>

    </div>

    <div id="materials" class="materials">

        <div class="materials-content">

            <div class="text-title">

                <h1>MATERIALS</h1>

            </div>

            <div class="box-content">

                <div class="box-container">

                    <div class="box"><p>Dissecting kit</p></div>

                    <div class="box"><p>Dissecting pan</p></div>

                    <div class="box"><p>Face mask</p></div>

                    <div class="box"><p>Live frog</p></div>

                    <div class="box"><p>Newspaper</p></div>

                    <div class="box"><p>Plastic cover</p></div>

                    <div class="box"><p>Pins with organ labels</p></div>

                    <div class="box"><p>Safety goggles</p></div>

                    <div class="box"><p>Surgical gloves</p></div>

                </div>

            </div>

        </div>

    </div>

     <div id="procedures" class="procedures">

        <div class="procedures-content">

            <div class="text-title">

                <h1>PROCEDURES</h1>

            </div>

            <div class="box-content">

                <div class="box-container">

                    <ol>

                        <li class="box">

                            <h2>STEP 1</h2>

                            <p>Place the frog in the dissection tray on its back.</p>

                        </li>

                        <li class="box">

                            <h2>STEP 2</h2>

                            <p>Place a frog on a dissection tray. To determine the frog’s sex, look at the hand digits or fingers, on its forelegs</p>

                        </li>

                        <li class="box">

                            <h2>STEP 3</h2>

                            <p>Locate and identify the external features of the head. Find the mouth, external nares, tympani, eyes, and nictating membranes. </p>

                        </li>

                        <li class="box">

                            <h2>STEP 4</h2>

                            <p>Turn the frog on its back and pin down the legs. Cut the hinges of the mount and open it wide. Locate and identify the structures inside the mouth. Use a probe to help find each part: the vomerine teeth, the maxillary teeth, the internal nares, the tongue, the openings to the Eustachian tubes, the esophagus, the pharynx, and the slit-like glottis </p>

                        </li>

                        <li class="box">

                            <h2>STEP 5</h2>

                            <p>Look for the opening to the frog’s cloaca, located between the hind legs. Use forceps to lift the skin and use scissors to cut along the center of the body from the cloaca to the lip. Turn back the skin, cut toward the side at each leg, and pin the skin flat.</p>

                        </li>

                        <li class="box">

                            <h2>STEP 6</h2>

                            <p>Lift and cut through the muscles and breast bone to open up the body cavity. If your frog is a female, the abdominal cavity may be filled with dark-colored eggs. If so, remove the eggs on one side so you can see the organs underlying them.</p>

                            <li class="box">

                                <h2>STEP 7</h2>

                                <p>Locate and identify the organs of the digestive system: esophagus, stomach, small intestine, large intestine, gallbladder, liver, spleen, pancreas, and cloaca.</p>

                            </li>

                            <li class="box">

                                <h2>STEP 8</h2>

                                <p>Identify the parts of the circulatory and respiratory systems that are in the chest cavity. Find the left atrium, right atrium, and ventricle of the heart. Find an artery attached to the heart and another artery near the backbone. Find a vein near one of the shoulders. Find the two lungs.</p>

                            </li>

                            <li class="box">

                                <h2>STEP 9</h2>

                                <p>Use a probe and scissors to lift and remove the intestines and liver. Use the diagram on the next page to identify the parts of the urinary and reproductive systems. </p>

                            </li>

                            <li class="box">

                                <h2>STEP 10</h2>

                                <p>Dispose of your materials according to the directions from your teacher.</p>

                            </li>

                            <li class="box">

                                <h2>STEP 11</h2>

                                <p>Clean up your work area and wash your hands before leaving the lab.</p>

                            </li>

                        </ol>

                        </div>

                </div>

                <div class="video-demo">

                    <div class="demo-content">

                        <div class="warning">

                            <p><b>WARNING⚠️</b>: This video contains graphic content of a frog dissection, which may be unsettling for some viewers. Viewer discretion is advised, especially if you are sensitive to anatomical displays or animal dissections.</p>

                        </div>

                        <div class="video-wrapper">

                            <iframe src="https://drive.google.com/file/d/16elLnxENaMtWmI\_Nmxb\_MqZwVz4868WG/preview" allow="autoplay" height="460" width="800"></iframe>

                        </div>

                    </div>

                    <div class="froggie">

                        <img src="logo.png" alt="froggie" height="350">

                    </div>

                </div>

            </div>

        </div>

    </div>

</body>

</html>