**Index.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Nested Menu Website</title>

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

</head>

<body>

<h1>Subjects</h1>

<nav id="subjects">

<ul>

<li>

<button class="subject-btn" data-subject="astronomy">Astronomy</button>

<ul class="topics" id="astronomy-topics">

<li><a href="planets.html">Planets</a></li>

<li><a href="stars.html">Stars</a></li>

<li><a href="galaxies.html">Galaxies</a></li>

<li><a href="blackholes.html">Blackholes</a></li>

</ul>

</li>

<li>

<button class="subject-btn" data-subject="animals">Animals</button>

<ul class="topics" id="animals-topics">

<li><a href="mammals.html">Mammals</a></li>

<li><a href="birds.html">Birds</a></li>

<li><a href="reptiles.html">Reptiles</a></li>

<li><a href="marine.html">Marine Animals</a></li>

</ul>

</li>

<li>

<button class="subject-btn" data-subject="cooking">Cooking</button>

<ul class="topics" id="cooking-topics">

<li><a href="baking.html">Baking</a></li>

<li><a href="grilling.html">Grilling</a></li>

<li><a href="soups.html">Soups</a></li>

<li><a href="desserts.html">Desserts</a></li>

</ul>

</li>

</ul>

</nav>

<script src="script.js"></script>

</body>

</html>

**Script.js:**

document.addEventListener('DOMContentLoaded', () => {

const subjectButtons = document.querySelectorAll('.subject-btn');

const topicLists = document.querySelectorAll('.topics');

// Hide all topic lists initially

topicLists.forEach(list => list.style.display = 'none');

// Add click event to each subject button

subjectButtons.forEach(button => {

button.addEventListener('click', () => {

const subject = button.getAttribute('data-subject');

// Hide all topic lists

topicLists.forEach(list => list.style.display = 'none');

// Show the selected topic list

const selectedList = document.getElementById(`${subject}-topics`);

if (selectedList) {

selectedList.style.display = 'block';

} else {

console.warn(`No topic list found for subject: ${subject}`);

}

});

});

console.log('script.js initialized');

});

**Style.css:**

body {

font-family: Arial, sans-serif;

max-width: 600px;

margin: 20px auto;

padding: 0 15px;

}

h1 {

text-align: center;

}

ul {

list-style: none;

padding-left: 0;

}

.topics {

display: none; /\* Hide topics initially \*/

margin-top: 5px;

margin-left: 20px;

}

.subject-btn {

background-color: #007BFF;

border: none;

color: white;

padding: 8px 12px;

cursor: pointer;

font-size: 1.1em;

border-radius: 4px;

}

.subject-btn:hover {

background-color: #0056b3;

}

a {

color: #007BFF;

text-decoration: none;

}

a:hover {

text-decoration: underline;

}

**Baking.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Baking</title>

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

</head>

<body>

<h1>Baking</h1>

<p>Baking is a method of cooking food using prolonged dry heat, typically in an oven.</p>

<img src="media/baking.jpg" alt="Baking" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Birds.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Birds</title>

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

</head>

<body>

<h1>Birds</h1>

<p>Birds are feathered, winged, two-legged, warm-blooded vertebrates known for their ability to fly.</p>

<img src="media/birds.jpg" alt="Birds" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Blackholes.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Black Holes</title>

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

</head>

<body>

<h1>Black Holes</h1>

<p>Black holes are regions of spacetime exhibiting gravitational acceleration so strong that nothing can escape from them.</p>

<img src="media/blackholes.jpg" alt="Black Holes" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Desserts.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Desserts</title>

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

</head>

<body>

<h1>Desserts</h1>

<p>Desserts are sweet courses typically served at the end of a meal, such as cakes, cookies, and ice cream.</p>

<img src="media/desserts.jpg" alt="Desserts" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Galaxies.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Galaxies</title>

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

</head>

<body>

<h1>Galaxies</h1>

<p>Galaxies are massive systems of stars, stellar remnants, gas, dust, and dark matter bound by gravity.</p>

<img src="media/galaxies.jpg" alt="Galaxies" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Grilling.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Grilling</title>

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

</head>

<body>

<h1>Grilling</h1>

<p>Grilling is a form of cooking that involves dry heat applied to the surface of food, commonly from above or below.</p>

<img src="media/grilling.jpg" alt="Grilling" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Mammals.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Mammals</title>

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

</head>

<body>

<h1>Mammals</h1>

<p>Mammals are warm-blooded vertebrates characterized by hair and mammary glands that produce milk.</p>

<img src="media/mammals.jpg" alt="Mammals" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Marine.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Marine Animals</title>

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

</head>

<body>

<h1>Marine Animals</h1>

<p>Marine animals include whales, dolphins, sharks, and various species living in ocean habitats.</p>

<img src="media/marine.jpg" alt="Marine Animals" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Planets.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Planets</title>

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

</head>

<body>

<h1>Planets</h1>

<p>Planets are celestial bodies orbiting stars, like our solar system’s planets orbiting the Sun.</p>

<img src="media/planets.jpg" alt="Planets" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Reptiles.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Reptiles</title>

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

</head>

<body>

<h1>Reptiles</h1>

<p>Reptiles are cold-blooded vertebrates including snakes, lizards, turtles, and crocodiles.</p>

<img src="media/reptiles.jpg" alt="Reptiles" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Soups.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Soups</title>

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

</head>

<body>

<h1>Soups</h1>

<p>Soups are primarily liquid food, generally served warm or hot, made by combining ingredients such as meat and vegetables.</p>

<img src="media/soups.jpg" alt="Soups" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>

**Stars.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Stars</title>

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

</head>

<body>

<h1>Stars</h1>

<p>Stars are luminous spheres of plasma held together by gravity, producing light and heat.</p>

<img src="media/stars.jpg" alt="Stars" style="max-width:100%; height:auto;" />

<br /><br />

<!-- Back Button -->

<button id="back-btn">Back</button>

<!-- Script to handle back button -->

<script>

document.getElementById('back-btn').addEventListener('click', () => {

window.location.href = 'index.html';

});

</script>

</body>

</html>