Responsive CSS/JS menu
HTML and CSS code[*]

HTML

```
<!-- the menu button -->
<a class="toggleMenu" href="#">Menu</a>

<!-- the menu -->
<ul class="nav">
        <li><a href="direct-1.html">Direct link 1</a></li>
        <li><a href="direct-2.html">Direct link 2</a></li>
        <li><a href="#">One sub-menu</a>

                <!-- second level list -->
                <ul>
                <li><a href="#">Nowhere</a></li>
                <li><a href="#">Somewhere</a></li>
                </ul>

        </li>
        <li><a href="#">Two sub-menus</a>

                <!-- second level list -->
                <ul>
                <li><a href="#">Keep going</a>

                        <!-- third level list -->
                        <ul>
                        <li><a href="#">Here</a></li>
                        <li><a href="#">Or Here</a></li>
                        </ul>

                </li>
                <li><a href="#">What is this?</a>

                        <!-- third level list -->
                        <ul>
                        <li><a href="#">Only this</a></li>
                        <li><a href="#">And this</a></li>
                        </ul>
                </li>
                </ul>

        </li>
</ul>
```

CSS

```css
/* global styles as used in the example. Edit as required */
body, nav, ul, li, a  {margin: 0; padding: 0;}
body {font-family: "Helvetica Neue", Helvetica, Arial, sans-serif; font-size:
1.125em; line-height: 1.5em;}
a {text-decoration: none;}

/* page layout element */
.container {
        width: 90%;
        max-width: 960px;
        margin: 10px auto;
}

/* MENU STYLES */
/* the menu button for small screen */
.toggleMenu {
        display:  none;
        background: #FC0;
        padding: 10px 15px;
        color: #333;
}
.nav {
        list-style: none;
        *zoom: 1;
        background: #FC0; /* bg colour for top level items */
}
.nav:before,
.nav:after {
        content: " ";
        display: table;
}
.nav:after {
        clear: both;
}
/* sub-menu width */
.nav ul {
        list-style: none;
        width: 9em;
}
/* for the links */
.nav a {
        padding: 10px 15px;
        color:#333;
}
.nav li {
        position: relative;
}
/* border in orig css moved to mediaquery css */
```

```css
.nav > li {
        float: left;
}
/* .parent is referenced in the menuscript.js */
.nav > li > .parent {
        background-image: url("../img/downArrow.png");
        background-repeat: no-repeat;
        background-position: right;
}
.nav > li > a {
        display: block;
}
/* removes sub-menu items off-screen when not needed */
.nav li  ul {
        position: absolute;
        left: -9999px;
}
.nav > li.hover > ul {
        left: 0;
}
.nav li li.hover ul {
        left: 100%;
        top: 0;
}
/* second level menu items */
.nav li li a {
        display: block;
        color: #FFF;
        background: #666;
        position: relative;
        z-index:100;
        border-top: 1px solid #333; /* top border for mobile sub-menu items */
}
/* third level menu items */
.nav li li li a {
        background:#333;
        color: #CFCFCF;
        z-index:200;
        border-top: 1px solid #666;
}


@media screen and (max-width: 768px) {
   /* .active is referenced in the menuscript.js */
        .active {
        display: block;
   }
   .nav > li {
        float: none;
   }
```

```css
    /* .parent is referenced in the menuscript.js */
.nav > li > .parent {
    background-position: 95% 50%;
}
.nav li li .parent {
    background-image: url("../img/downArrow.png");
    background-repeat: no-repeat;
    background-position: 95% 50%;
}
.nav ul {
    display: block;
    width: 100%;
}
.nav > li.hover > ul , .nav li li.hover ul {
    position: static;
}

    /* This fixes border error in original */
    .nav > li {
    border-top: 1px solid #104336;
}
}
```

* Notes regarding some of the CSS markup

Pseudo elements
:before
:after
These are pseudo elements. Before and after are used as a way of adding content before and after a particular element. Although the pseudo elements exist when the page displays they do not exist in the markup.

http://www.hongkiat.com/blog/pseudo-element-before-after/

http://samcroft.co.uk/2011/using-content-css-property-responsibly/

Child combinator
e.g. **.nav > li**
The angled bracket **>** is a **child combinator**. In this case only <li> elements directly within the .nav element will be affected. Other <li> elements inside nested lists within the .nav element will not be affected.