HTML

# HTML 1

1. Elements
   1. Are made of tags
   2. Represent elements of a document such as heading paragraph etc
   3. Opening & closing tags
   4. Elements are containers
2. Importance of indenting
3. Attributes
   1. class
   2. id
   3. href
   4. src
   5. name/value pairs
4. Video
   1. Formats & players
   2. Hosted video services (e.g., youtube)
   3. <video>
   4. <source> to have different formats available
5. Audio
   1. Formats
      1. Mp3
   2. <audio>

# Appendix

## Appendix A – Tags to Teach

1. Document level
   1. <html>
   2. <head>
   3. <title>
   4. <body>
2. Text
   1. <h1> … <h6>
   2. <p>
   3. <b>
   4. <i>
   5. <sup>
   6. <sub>
   7. <br> ?
   8. <hr> ?
3. Semantic
   1. <strong>
   2. <em>
   3. <blockquote>
   4. <q>
   5. <abbr>
   6. <cite>
   7. <dfn>
   8. <address>
   9. <ins> ?
   10. <del> ?
   11. <s> ?
4. Lists
   1. Ordered Lists
      1. <ol>
      2. <li>
   2. Unordered lists
      1. <ul>
      2. <li>
   3. Definition Lists
      1. <dl>
      2. <dt>
      3. <dd>
   4. Nested Lists
5. Links
   1. <a>
      1. ‘href’
      2. Text in link
      3. Good v bad link text
   2. Def URL
   3. Absolute v relative links ?
   4. Skipped some stuff
6. Images
   1. <img>
      1. Self-closing
      2. Src
      3. Alt – screen readers or missing image text
      4. Title – tool tip
   2. Image formats
      1. Jpeg/jpg
      2. gif
   3. Image tools (photoshop)
   4. Resizing
   5. Resolution – 72 ppi
   6. Jpg, giff & phg are ‘bitmap’
   7. What are pixels
   8. Load time
   9. Vector images
      1. Are resizable
      2. Should use?
      3. **p 119**
      4. **karl**
   10. <figure>
   11. <caption>
7. Tables
   1. <table>
   2. <tr>
   3. <td>
   4. <th>
   5. Long tables
      1. <thead>
      2. <tbody>
      3. <tfoot>
   6. Table borders
8. Forms
   1. Skipping this
9. Other
   1. <div>
      1. Group stuff and make start on new line
   2. <span>
   3. <iframe>
   4. <meta>
10. Comments
11. DOCTYPE
12. Id
13. Class
14. Escape characters
    1. & = &amp;
    2. Etc..

## Appendix B – Points to Incorporate

1. White space collapsing
2. Relationship between HTML, CSS & JS
3. Structure of a website project
4. Block v Inline

## Appendix C – related topics

1. Inspecting web pages

Appendix D – logistics

1. Need auto formatter
2. Need validator
3. Grid