**Web Design**

Core Competencies

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| **Core competencies and standards for WorldSkills UK Skills Competitions activities** | | **Qualifier** | **UK Final** | **Team UK** |
| **Competency** | HTM5 & CSS 3 | **x** | **x** | **x** |
| **Standards** | HTML5 and CSS3 standards with no validation errors  Effective use of classes  Effective and meaningful commenting of code  CSS Animations |
| **Competency** | Responsive Web Design | **x** | **x** | **x** |
| **Standards** | Utilising Responsive Grid Systems  Responsive Design for Mobile  Responsive Design for Tablet |
| **Competency** | Contemporary Design | **x** | **x** | **x** |
| **Standards** | Contemporary design standards and trends  Material Design  Typography in design  Layout in design  Accessibility in design  Contemporary colour palettes |
| **Competency** | JavaScript |  | **x** | **x** |
| **Standards** | Externalisation of JS  Use of jQuery  Creating JS Animations  jQuery sliders, accordions and other elements  Personalised error codes in forms |
| **Competency** | PHP |  | **x** | **x** |
| **Standards** | Web Security using PHP  Login systems  Automatic updates of tables within websites  PHP and PHPMyadmin  XAMPP  SQL (Team UK only) |
| **Competency** | Database creation for a website |  | **x** | **x** |
| **Standards** | ERD creation  Database Security  Database creation  Database Queries (Team UK only)  Linking Databases with websites |
| **Competency** | Understanding Client Briefs | **x** | **x** | **x** |
| **Standards** | Reading briefs  Being able to breakdown client expectations  Utilising client colours schemes, logos and fonts |

Note: Core Competencies are tested, identified and measured as recognition of the competition level and duration.