**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 errorsEffective use of classesEffective and meaningful commenting of codeCSS Animations |
| **Competency** | Responsive Web Design | **x** | **x** | **x** |
| **Standards** | Utilising Responsive Grid SystemsResponsive Design for MobileResponsive Design for Tablet |
| **Competency** | Contemporary Design  | **x** | **x** | **x** |
| **Standards** | Contemporary design standards and trendsMaterial DesignTypography in design Layout in designAccessibility in designContemporary colour palettes |
| **Competency** | JavaScript |  | **x** |  **x** |
| **Standards** | Externalisation of JSUse of jQueryCreating JS AnimationsjQuery sliders, accordions and other elementsPersonalised error codes in forms |
| **Competency** | PHP |  | **x** | **x** |
| **Standards** | Web Security using PHPLogin systemsAutomatic updates of tables within websitesPHP and PHPMyadminXAMPPSQL (Team UK only) |
| **Competency** | Database creation for a website |  | **x** | **x** |
| **Standards** | ERD creationDatabase SecurityDatabase creation Database Queries (Team UK only)Linking Databases with websites |
| **Competency** | Understanding Client Briefs | **x** | **x** | **x** |
| **Standards** | Reading briefsBeing able to breakdown client expectationsUtilising client colours schemes, logos and fonts |

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