

# Web Design

## Core Competencies

Core competencies and standards for WorldSkills UK Skills Competitions activities		UK Final	Team UK
<b>Competency</b>	HTML5 & CSS 3	YES	YES
<b>Standards</b>	HTML5 and CSS3 standards with no validation errors Effective use of classes Effective and meaningful commenting of code CSS Animations		
<b>Competency</b>	Responsive Web Design	YES	YES
<b>Standards</b>	Utilising Responsive Grid Systems Responsive Design for Mobile Responsive Design for Tablet		
<b>Competency</b>	Contemporary Design	YES	YES
<b>Standards</b>	Contemporary design standards and trends Material Design Typography in design Layout in design Accessibility in design Contemporary colour palettes		
<b>Competency</b>	JavaScript	YES	YES
<b>Standards</b>	Externalisation of JS Use of jQuery Creating JS Animations jQuery sliders, accordions and other elements Personalised error codes in forms		
<b>Competency</b>	PHP	YES	YES
<b>Standards</b>	Web Security using PHP Login systems Automatic updates of tables within websites PHP and PHPMyadmin XAMPP SQL (Team UK only)		
<b>Competency</b>	Database creation for a website	YES	YES
<b>Standards</b>	ERD creation Database Security Database creation Database Queries (Team UK only) Linking Databases with websites		
<b>Competency</b>	Understanding Client Briefs	YES	YES
<b>Standards</b>	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.