

Chapter 3:

Technical

Standards, Quality

Assurance, and

Support

Chapter 3, titled "Technical Standards, Quality Assurance, and Support," outlines the practical and administrative requirements for creating and maintaining H5P content. Briefly, the chapter covers four main areas: 1. Technical Standards: It mandates that content be built in Moodle, optimised for performance, tested in student view, and compatible across devices and browsers. 2. Accessibility: It emphasises inclusive design, requiring readable fonts, good contrast, captions, mobile usability, and the avoidance of unnecessary time pressure 3. Data and Analytics: It explains how Moodle analytics should be used to monitor engagement and how grades must sync with the Moodle Gradebook, with data aiding broader programme improvements 4. Support and QA: It details the institutional support available (EMCU training, templates, and tech support) and mandates annual reviews of content to ensure quality and audit compliance

- 3.1 Technical and Quality Requirements
- 3.2 Accessibility and Inclusivity
- 3.3 Data, Monitoring, and Reporting
- 3.4 Staff Training, Support, and Quality Assurance

3.1 Technical and Quality Requirements

To maintain a seamless learning experience, all H5P content must be created and hosted directly within the Moodle platform. Before making any activity visible to learners, educators are required to test the content using the student view. It is also critical to optimise all media and file sizes to ensure high performance. Content must be designed to function effectively and reliably across common web browsers and devices.

3.2 Accessibility and Inclusivity

Creating an inclusive digital learning environment is a core component of this framework. Accessibility considerations must be actively incorporated during the design phase of all H5P content. Lecturers must ensure that activities use readable fonts and provide sufficient colour contrast. Where applicable, content must include transcripts or captions. Furthermore, activities should avoid imposing unnecessary time pressure on learners and must be fully functional and usable on both desktop and mobile platforms.

3.3 Data, Monitoring, and Reporting

The integration of H5P within Moodle allows for valuable data collection. Educators can monitor student engagement and track activity completion through Moodle analytics. If an H5P activity is graded, those scores must be accurately reflected in the Moodle Gradebook. Beyond individual student tracking, this data may also be utilised at an institutional level for programme review and quality enhancement purposes.

3.4 Staff Training, Support, and Quality Assurance

To ensure the successful implementation of these guidelines, the EMCU encourages all staff to attend organised training sessions focused on H5P design and utilisation. To assist educators, the EMCU may also provide technical support, exemplars, and templates. Any technical difficulties encountered should be reported through the designated e-Learning or CPD support channels.

Finally, to maintain high standards that meet both internal and audit requirements, all H5P content is subject to quality assurance processes, internal reviews, and audits. At a minimum, content should be reviewed once per academic year. The EMCU will also conduct periodic reviews of this guideline to guarantee ongoing compliance and relevance.