

LOBE_LITE: Learning Object Evaluation Instrument (Abridged Version)

LOBE_LITE is a 4-scale (Missing, Inadequate, Almost, Target) theory-informed checklist for quality evaluation of learning objects. A learning object is a multimedia learning resource that contains dynamic visualizations (i.e. animations/simulations/videos) as its core component and either all or a subset of the following associated components – i) set of assessment questions, ii) learning activities, iii) solved examples.

Note: Please read the user manual from the webpage for a thorough understanding of how to use LOBE_LITE.

Content Quality (C)					
Score	0	1	2	3	Remarks
Questions	(Missing)	(Inadequate)	(Almost)	(Target)	
C1. Is the content <i>accurate and grade appropriate</i> ?					
C2. Are the assessment questions in the learning object and their solutions correct, clear, unambiguous and <i>grade appropriate</i> ?					

Pedagogical alignment (P)					
Score	0	1	2	3	Remarks
Questions	(Missing)	(Inadequate)	(Almost)	(Target)	
P1. Does the content and the assessment questions contain appropriate context?					
P2. Are the assessment questions in the learning object aligned to the stated learning objectives?					
P3. Has both higher order thinking skills (HOTS) and lower order thinking skills (LOTS) been sufficiently addressed in the learning object?					
P4. Does the learning object promote learner-centric learning?					
P5. Does the learning object provide support to learners to do group activity?					
<i>NOTE: use only if you want to evaluate support for collaborative activity)</i>					

Technology Integration (T)	0	1	2	3	Remarks
Score	(Missing)	(Inadequate)	(Almost)	(Target)	
Questions					
T1. Does the learning object include interactivity features that are meaningful for learning the corresponding content?					
T2. Does the user have appropriate control of navigation and pace within the learning object?					
T3. Is the interface easy to use for a new user?					

LOBE is released under Creative Commons-Attribution 4.0 International License. You are free to use, distribute and modify it, including for commercial purposes, provided you acknowledge the source.