

Platforms

Bilimland	An educational platform based on the cutting-edge achievements of world leaders in e-learning. It is the largest collection of the world's most advanced educational content for teachers, students and parents.
iMektep	A complete course of the primary school program, developed by leading Kazakhstani methodologists and teachers. Each lesson consists of a short animation film, which is accompanied by interactive game tasks and tests.
Twig-bilim	The internationally recognized online training service professionally localized for Kazakhstan. The complex consists of more than 1,500 captivating short films (about 3 minutes long) based on the school curriculum in chemistry, physics, biology, science, mathematics and geography.
Zhastar	Online platform for parents, teachers and children to develop life skills, social skills and psychological well-being of students. The site contains multimedia materials that provide relevant recommendations to parents and children, educate psychologists and teachers.

Overview of the benchmarking criteria

Functional Facilities that Enhance Active and Collaborative Learning			
CRITERIA	FAIR (5)	GOOD (8)	EXCELLENT (10)
Content authoring	Provides basic means for content uploading and storing.	It allows the uploading, creation and storage of content by basic means in a creative system that is part of the platform.	Provides a suite of built-in tools that can be used for creating rich media content (audio, podcasts, videos, presentations, etc.).
Communication	Offers basic communication facilities such as comments based on educational content or basic messaging facilities.	Offers extensive means of communication such as real-time chat or written/audio/video one-to-one communication through tools that are part of the platform.	Offers complex means of communication integrated into the platform, such as video conferencing with a large number of users.

Content transfer	Provides means for instructors to exchange educational content with students.	Offers extensive means by which educational content can be transferred both from the instructors to the students and from the students to the instructors.	Provides complex means by which the educational content can be exchanged between all participants in the educational process, including among learners.
Integration with other platforms that support collaboration	The integration with platforms or plugins that support written communication such as e-mail or those used for collaborative creation of educational content such as Google Docs is ensured or possible	Integration with platforms that support both written collaboration and extended video or audio such as Google Meets or Zoom is ensured or possible.	The integration with platforms that support both written, video and audio collaboration, as well as the distribution of knowledge at external level, such as platforms such as social networks is ensured or possible.
Testing and evaluation tools	Offers built-in basic individual evaluation tools for written assessment, such as questionnaires and open- ended questions, or students have the opportunity to upload materials in a variety of formats using external software tools.	Offers built-in basic individual and collaborative evaluation tools for written assessment, such as questionnaires and open-ended questions, or students have the opportunity to upload materials in a variety of formats using external software tools	Offers built-in individual and collaborative assessment tools through which students can solve tasks in writing, video or audio.

Summary of the Results Obtained

PLATFORMS	Content creation	Communication	Content transfer	Integration with other platforms that support collaboration	Testing and evaluation tools	Total
Bilimland	Good (8)	Fair (5)	Excellent (10)	Good (8)	Excellent (10)	41
iMektep	Fair (5)	Good (10)	Excellent (10)	Good (8)	Excellent (10)	43
Twig-bilim	Excellent (10)	Fair (5)	Excellent (10)	Good (8)	Fair (5)	38
Zhastar	Good (8)	Fair (5)	Excellent (10)	Good (8)	Good (8)	39