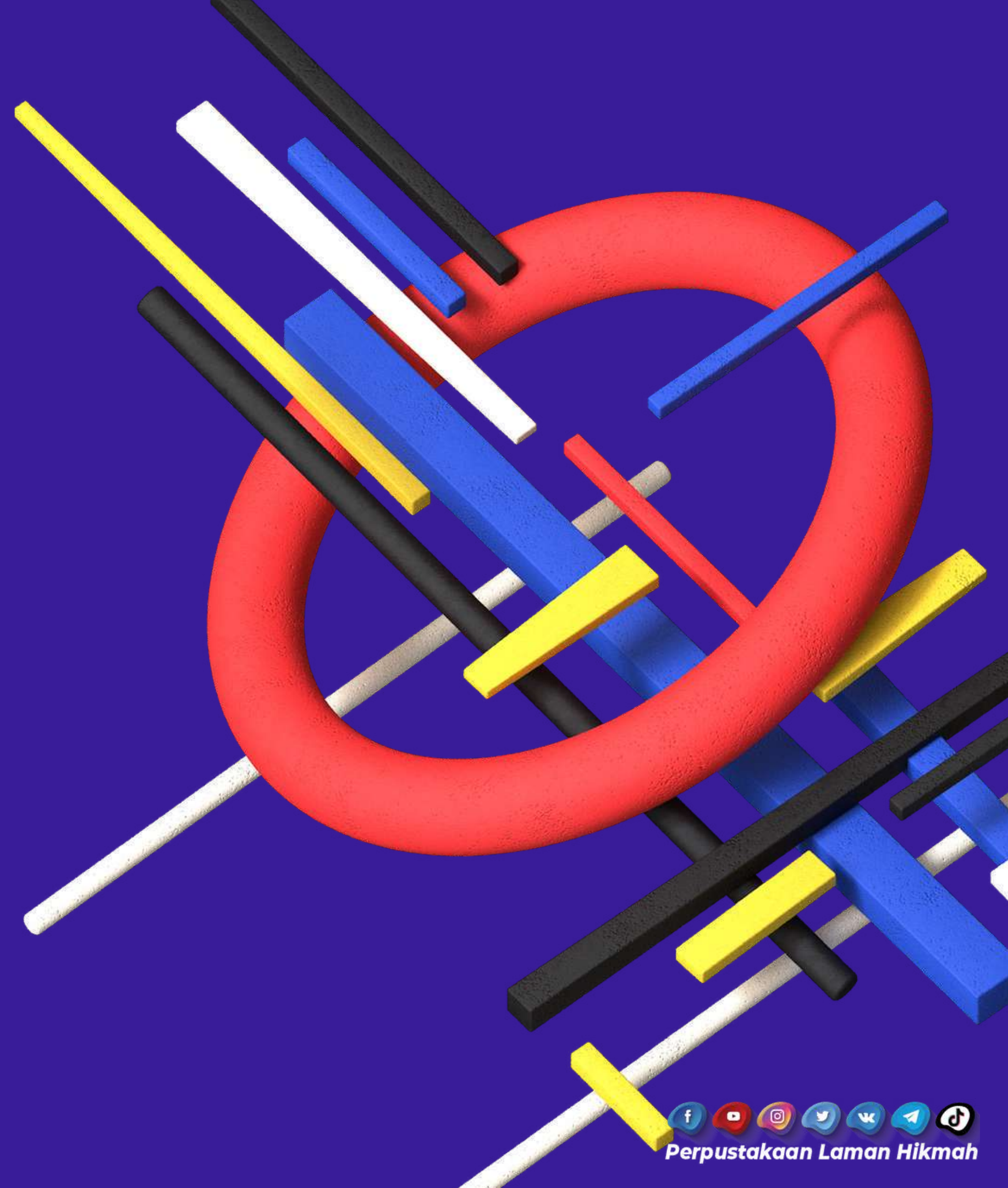# How Technology Transformed Education

A discussion on tech's impact on the education sector

The Impact of Technology on Teaching and Learning

Technology is now a vital part of teaching and learning. Thanks to modern learning tools, 24/7 education became a possibility, student engagement has increased, and knowledge has exponentially accelerated.
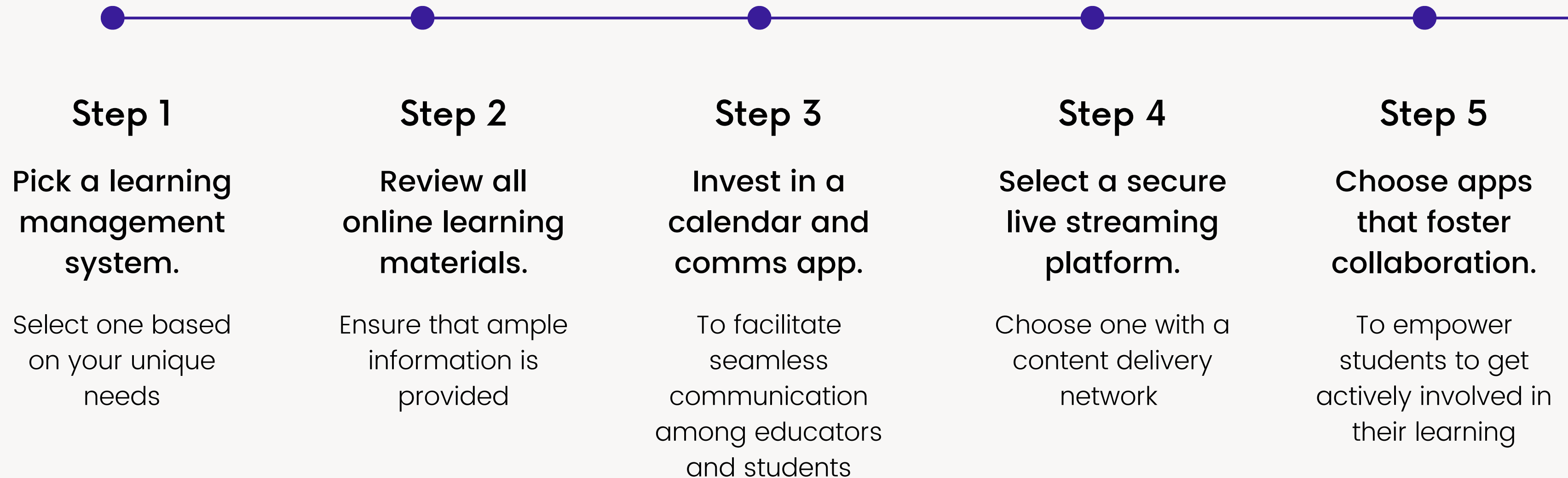
UTeM
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Perpustakaan Laman Hikmah

Teaching and Learning Before Technology

Teaching and Learning With Technology

- Learning was strictly through individual-based courses
- Teacher-centered approach
- Single mode of instruction

- Collaborative learning is now possible
- Student-centered approach
- Differentiated instruction

How to set up a virtual classroom

Step 1

Pick a learning management system.

Select one based on your unique needs

Step 2

Review all online learning materials.

Ensure that ample information is provided

Step 3

Invest in a calendar and comms app.

To facilitate seamless communication among educators and students

Step 4

Select a secure live streaming platform.

Choose one with a content delivery network

Step 5

Choose apps that foster collaboration.

To empower students to get actively involved in their learning
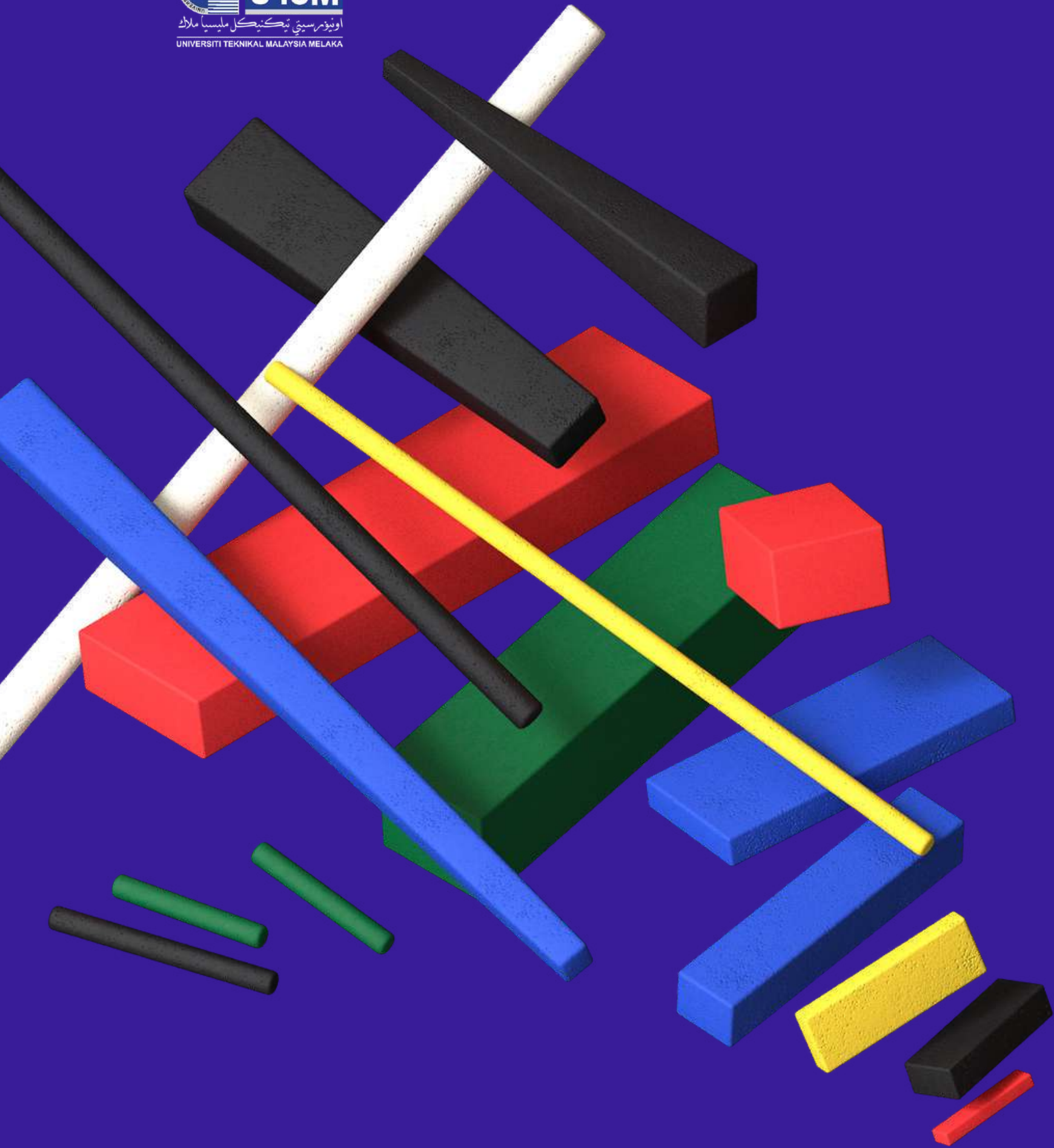
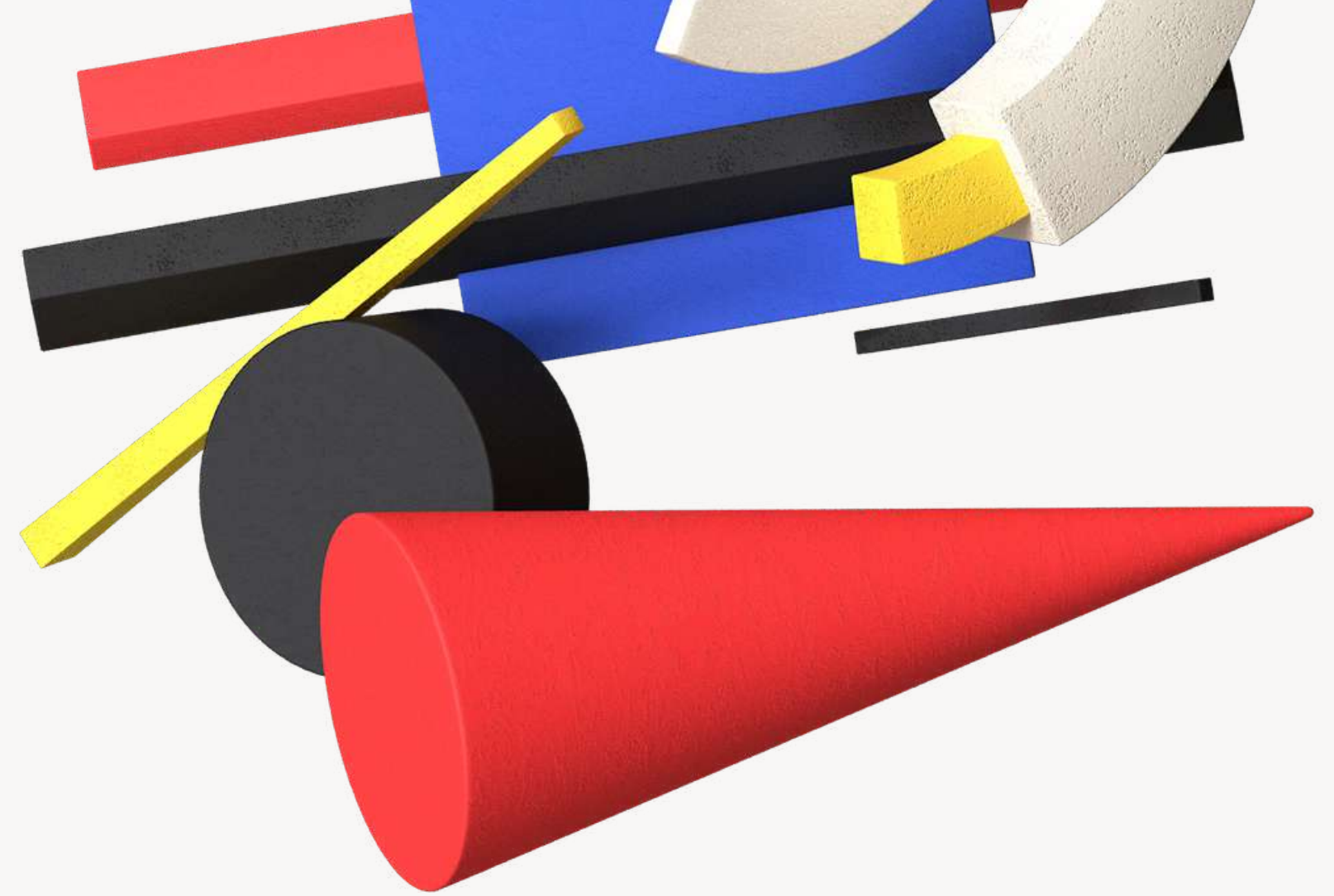# The Role of Interactive Technology in Learning

Interactive technology is reshaping learning

Interactive tech enables students to improve their ability to communicate both with their classmates and teachers.

Perpustakaan Laman Hikmah

Benefits of Interactive Technology

Perpustakaan Laman Hikmah

Benefits on Teachers

Interactive tech empowers educators

Create lessons with mixed media

Educators can create lessons with mixed media and gamified elements

Faster feedback

Teachers can offer instant feedback and guidance

Flexible teaching strategies

Teachers are able to adapt to the learning styles of different students

Perpustakaan Laman Hikmah

Benefits on Students

How interactive tech transforms learning

Enhanced engagement

Students can be more active in their learning thanks to quizzes, games, polls, video content, and other media.

Student-led learning

Everyone can learn at their own pace, helping students understand their strengths and weaknesses.

Fun, engaging lessons

Subjects that students usually deem boring can become more interesting.

Perpustakaan Laman Hikmah

Will remote learning be the new norm?

Remote learning is here to stay.

Distance learning can be the new normal thanks to its convenience and ability to make lessons borderless and more engaging.
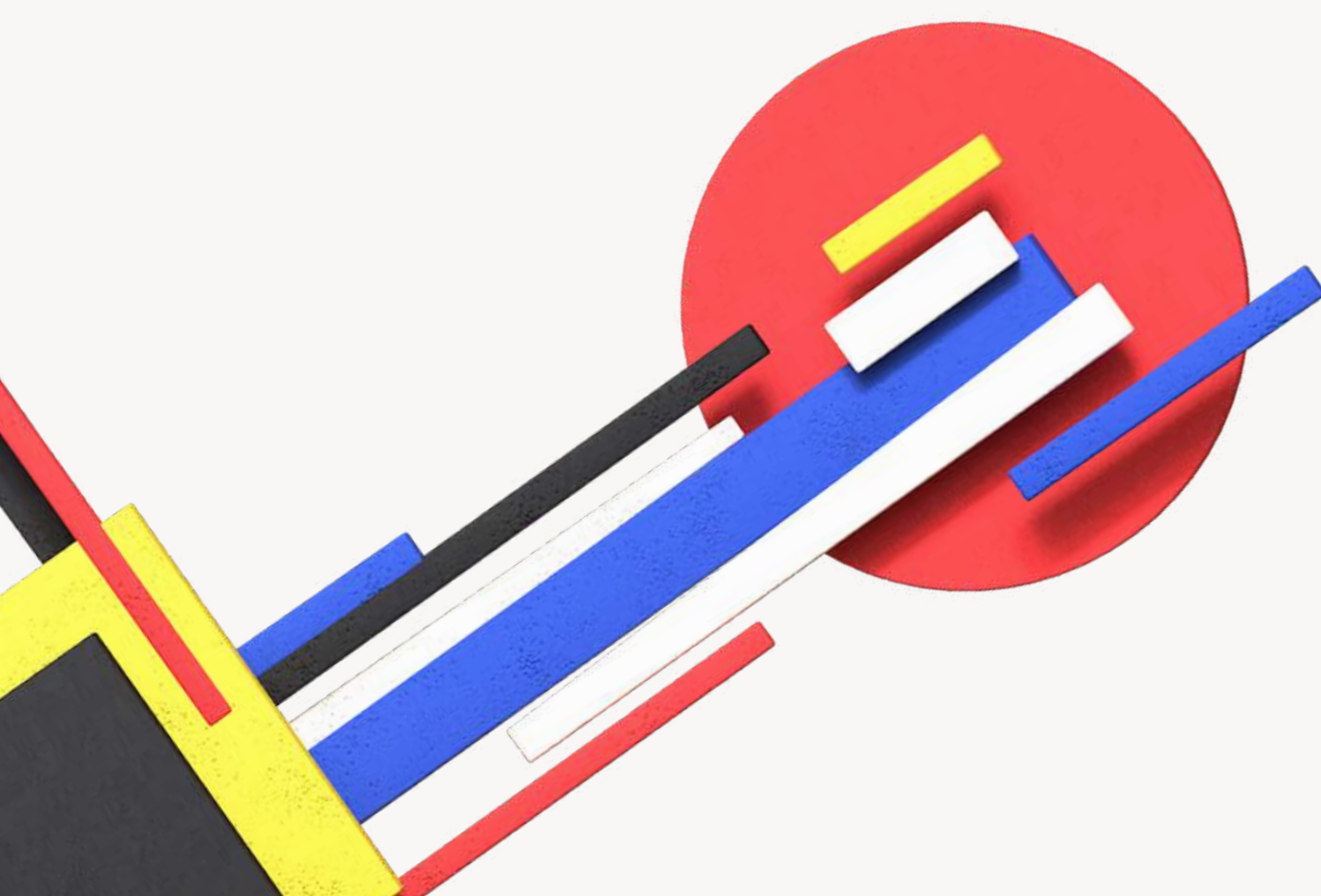
Technology and education now go hand in hand.

Perpustakaan Laman Hikmah

What's Next in Digital Learning

1 Online classrooms mean digital learning for everyone.

2 A global market for practical courses and credentials

3 Improvement in the quality of blended learning

4 Rising demand for skills-based programs.

5 Greater investment on interactive technology in solving the digital divide

Technology will never replace great teachers, but in the hands of great teachers, it's transformational.

George Couros

Perpustakaan Laman Hikmah

RESOURCES

https://www.outlookindia.com/website/story/feature-how-technology-is-transforming-the-education-sector/396082

https://www.visualcapitalist.com/how-technology-is-shaping-the-future-of-education/

http://www.businessinsider.com/sc/how-technology-has-changed-college-2014-10