



FLEXIBLE LEARNING & MASSIVE OPEN ONLINE COURSE (MOOC)

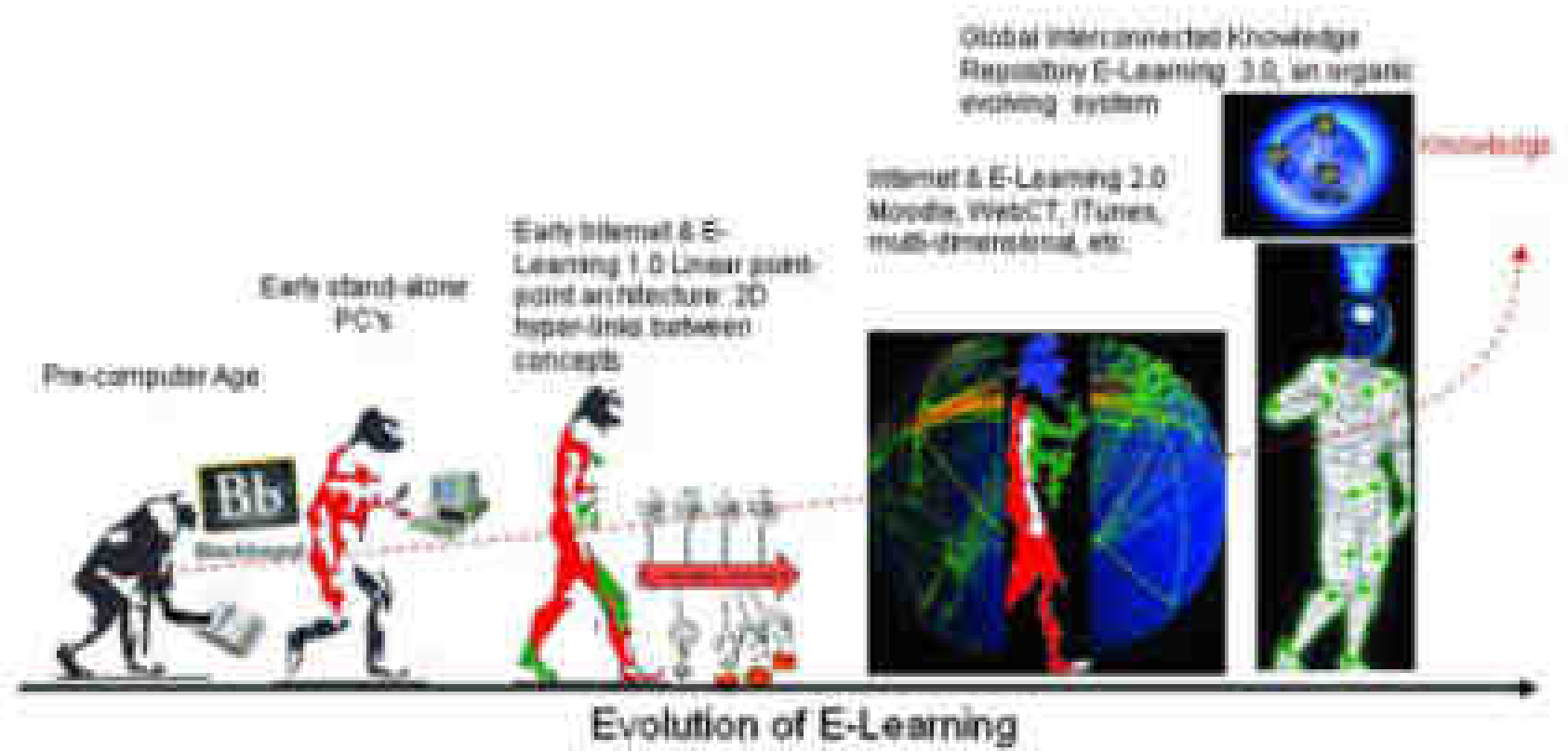
**ABI SUJAK
DIRECTOR SEAMOLEC**

2 Maret 2016



**Southeast Asian Ministers of Education
Regional Open Learning Centre**





www.indonesiavax.co.id



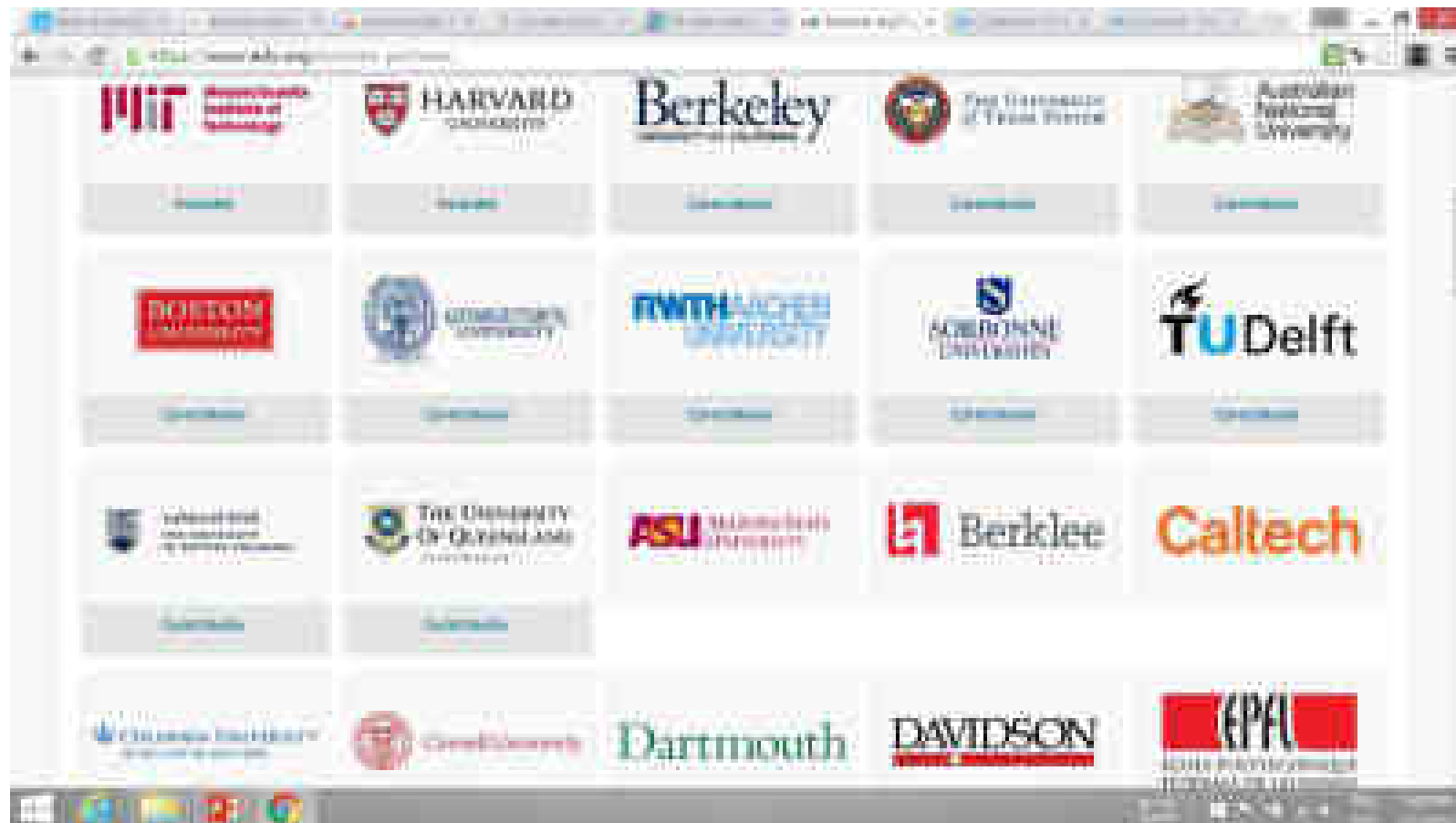
SGAMOLEC

A screenshot of a web browser window showing a course catalog. The browser's address bar displays "www.indonesiavax.co.id". The page content is organized into a grid of course cards. Each card features a header image, a title, and a date. The visible cards include:

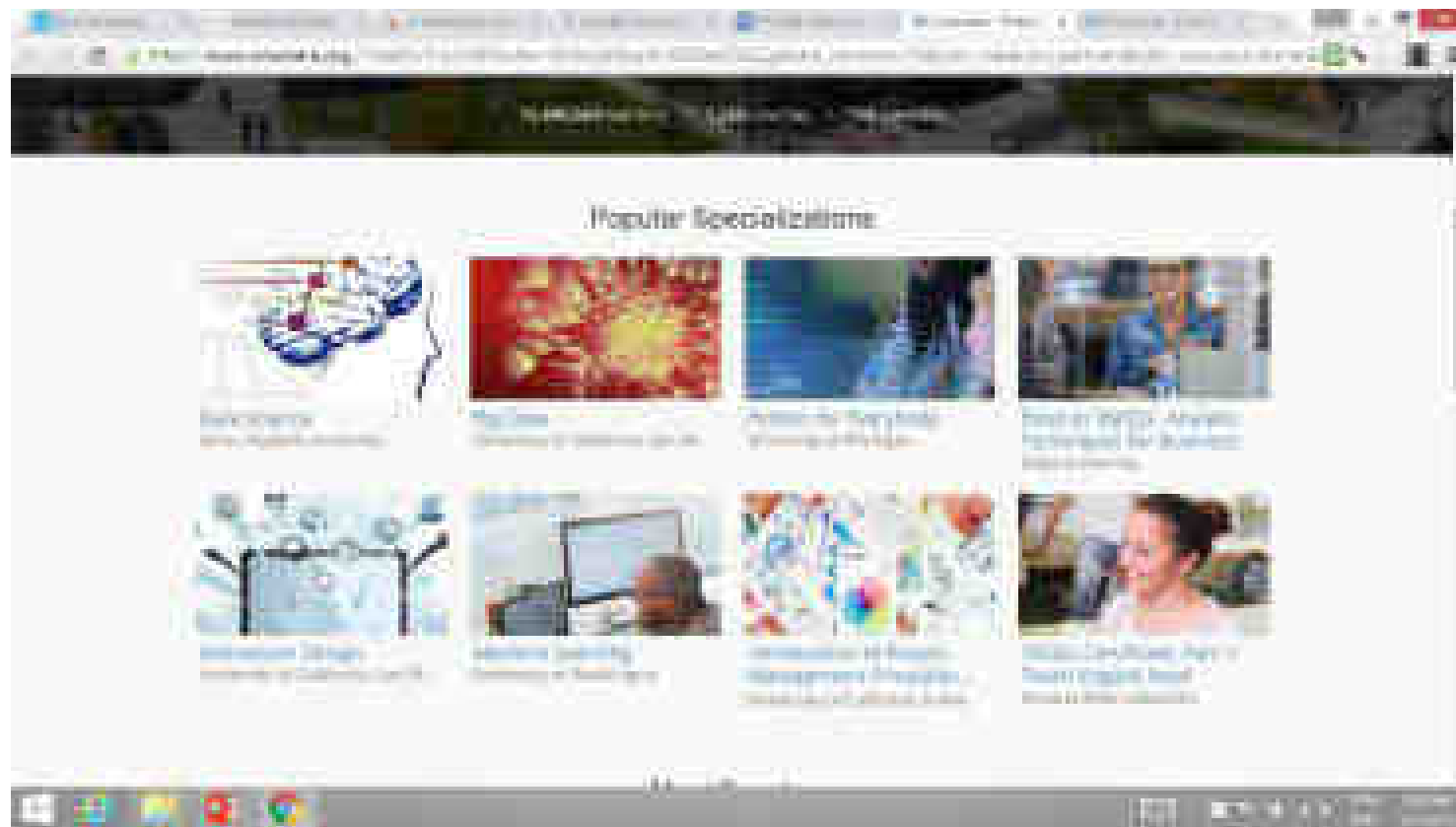
- Introduction for Engineering & Design** (Date: 04/04/2019)
- Public Speaking** (Date: 04/04/2019)
- Change Management** (Date: 04/04/2019)
- Career Law, Rights and Discipline** (Date: 04/04/2019)
- Business Administration** (Date: 04/04/2019)
- Business Administration** (Date: 04/04/2019)

The browser's taskbar at the bottom shows icons for the Start menu, Internet Explorer, File Explorer, Microsoft Word, and Google Chrome. A mouse cursor is visible over the taskbar area.

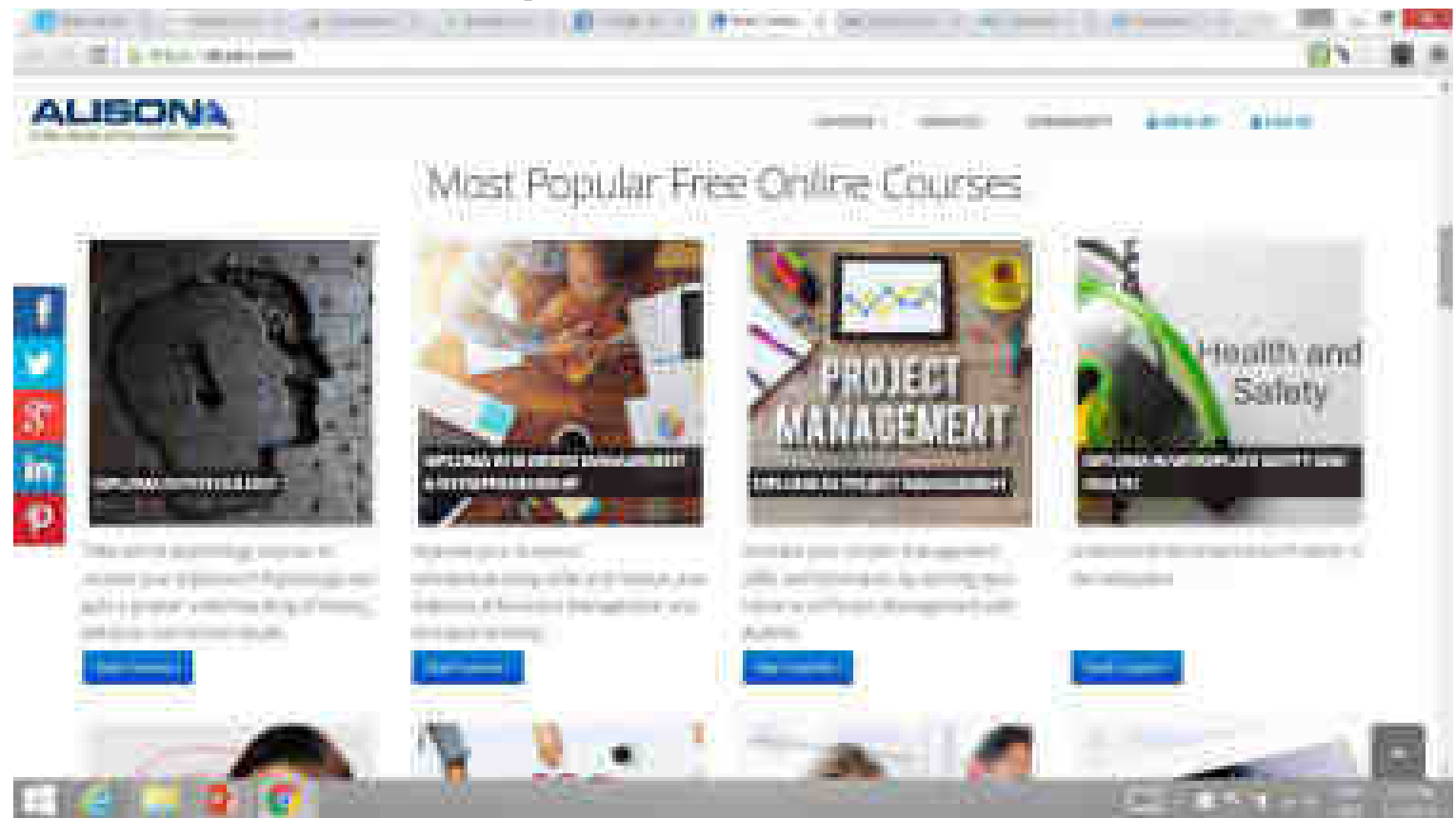
www.edx.org (Free online course, sudah 5 juta orang bergabung)



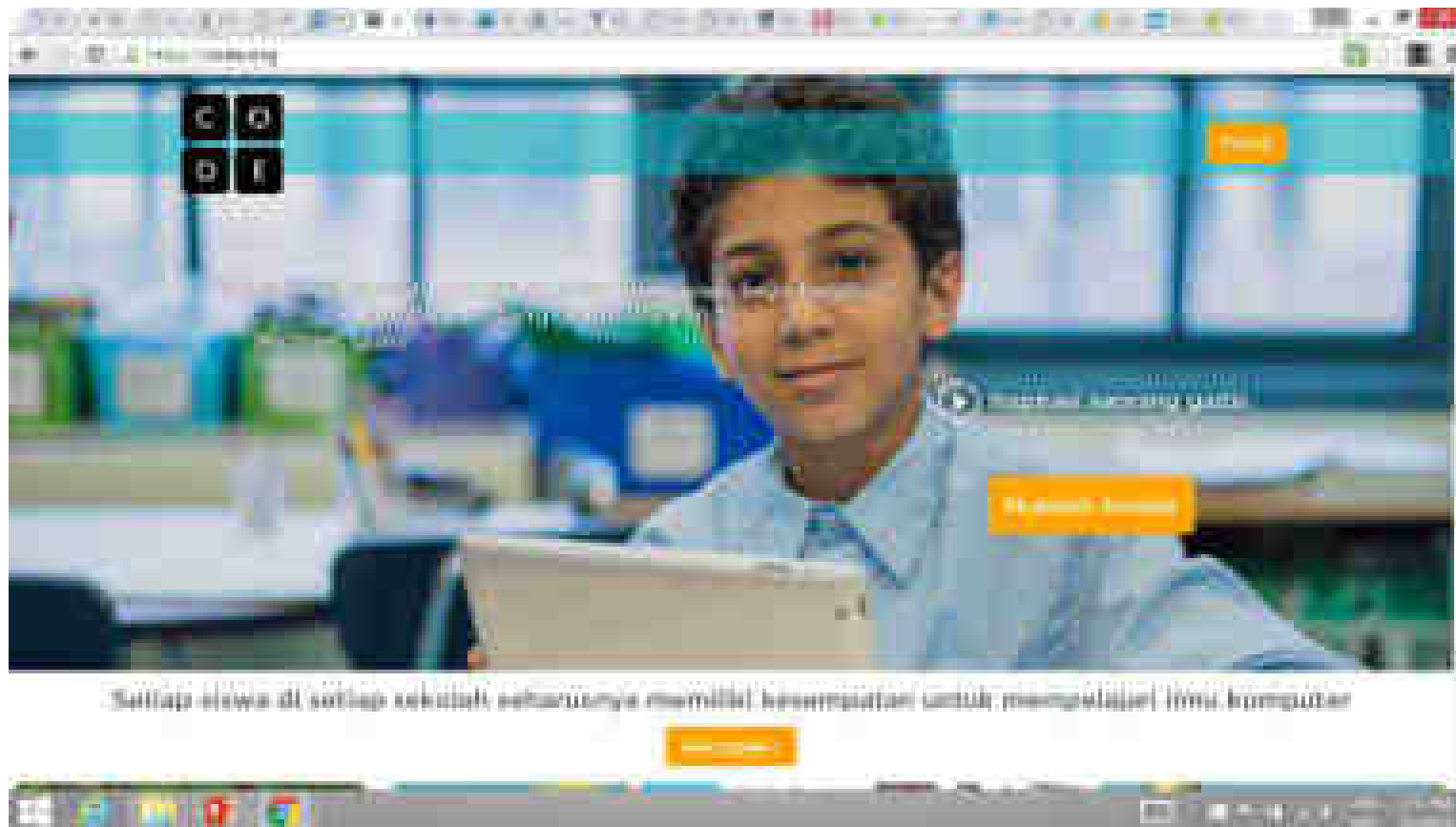
<https://coursera.org>

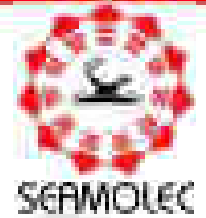


<https://alison.com>



<https://code.org> (untuk bidang computer)





21st Century Learning



PERGESERAN PARADIKMA PENDIDIKAN



LATARBELAKANG

MENDIDIK GENERASI MILENIA

Generasi X (lahir pada tahun 1965-1980)

Generasi Y (lahir pada tahun 1981-1995)

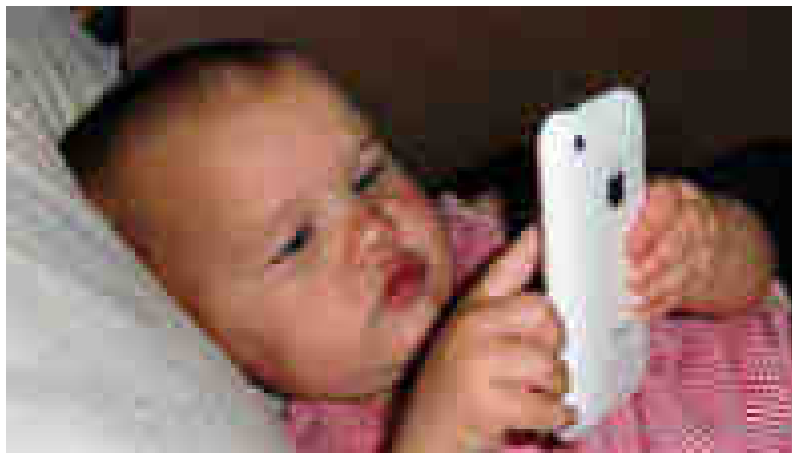
Generasi Z (lahir pada tahun 1996 s/d Sekarang)

Generasi Z sudah sangat akrab dengan gadget sejak masih dalam kandungan (USA Today, 24 November 2012)



Bruce Horovitz

SourcePicture : cached.newslookup.com



SourcePicture : oscar19th.wordpress.com



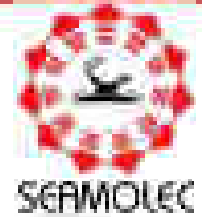
SourcePicture : realtime.wsj.com



SourcePicture : danevil.com

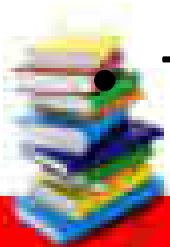
PENDIDIKANABAD21





Sinergi Literatur dengan Digital Tools

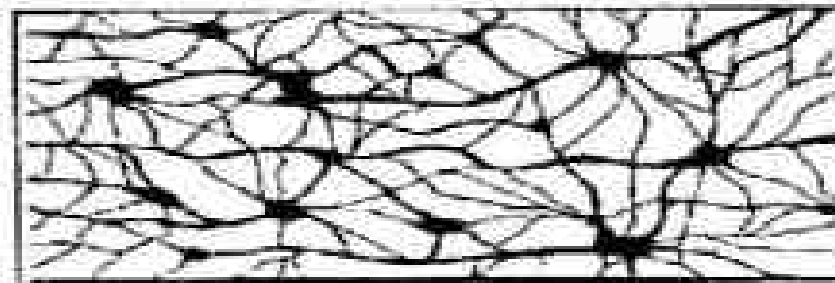
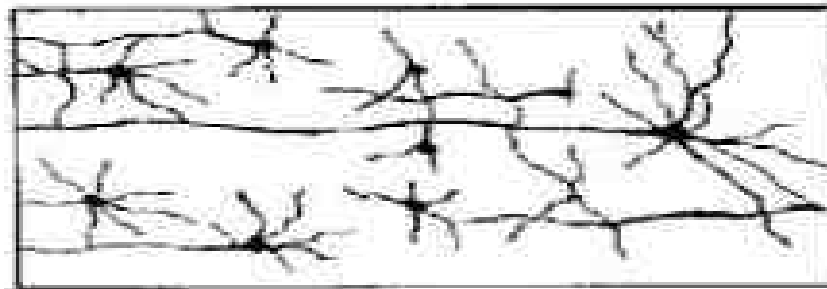
- Lateral Thinking (Edward de Bono);
- Brainstorming (Alex Osborn);
- Creative Problem Solving (Donald Treffinger);
- High Order Thinking Skills (Stanley Pogrow);
- Super Brain (Delep Mukerjea);
- Talents Unlimited (Calvin Taylor);

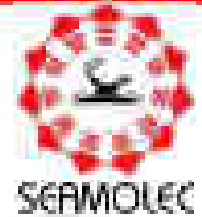




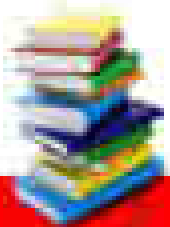
SGAMOLEC

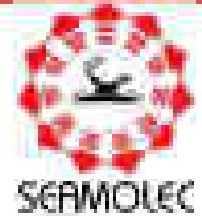
The unstimulated and stimulated brain





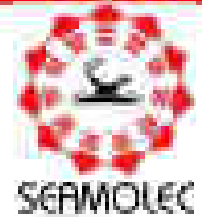
- SYDNEY (AUSTRALIA): SISWA DAPAT MEMADATKAN KURIKULUM BAHASA PERANCIS DARI 3 TH MENJADI 8 MINGGU DENGAN BANTUAN COMPUTER: DO-IT-YOUR SELF;
- NEW ZEALAND (TAHATAI COAST PRIMARY SCHOOL): SISWA USIA 6 TAHUN MEMBUAT CD-ROM TENTANG “RUMAH ABAD 21” DAN MENGGUNAKAN KOMPUTER UNTUK MENGAKTIFKAN PEMBANGKIT TENAGA ANGIN UNTUK LISTRIK DI RUMAHNYA;





- ARIZONA: MENGGUNAKAN MULTI MEDIA, DAPAT MENAIKKAN NILAI MATA PELAJARAN KIMIA DARI NILAI a, b, c : 52% MENJADI 93%;
- CHINA: 1.000 SPESIALIS MENGEMBANGKAN KOMPUTER SEBAGAI TUTOR DAN MEMBUAT CD-ROM YANG MEMBERIKAN JAMINAN SISWA AKAN LULUS UJIAN;





- ALASKA: SISWA-SISWA SMA MENDIRIKAN USAHA DI SEKOLAH DENGAN MENJUAL SALMON ASAP KE JEPANG SENILAI RP. 9 MILYAR, SETELAH MEREKA MEMPELAJARI: BISNIS, MARKETING, DAN BAHASA JEPANG.
- INDONESIA: KASIM GOZALI, SISWA SMA, BERHASIL MEMBUAT ANGKLUNG DIGITAL YANG DAPAT DIMAINKAN DARI HP

Gordon Dryden and Jeannette Vos, 2008, *The Learning Revolution*, <http://www.thelearningweb.net/page011.html>





SEAMOLEC



Digital Class: SEAMOLEC Program 2016





The Launching of **Digital Class PROGRAM**



- **28 January 2015**
- At SEAMOLEC Office
- By **President of SEAMEO Council** (Ministry of Education of Vietnam)

ADOPTING 21ST CENTURY CURRICULUM THROUGH DIGITAL CLASS

18 SEPT 2015

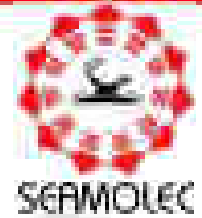




Junior High Schools



**ILUSTRASI:
SD DI HANOI VIETNAM MENGERJAKAN TES ONLINE
BERSAMA SD DI KUANTAN MALASYIA DAN SD DI KOTA BANDUNG**





Digital Class: THE PLATFORM



e-LEARNING



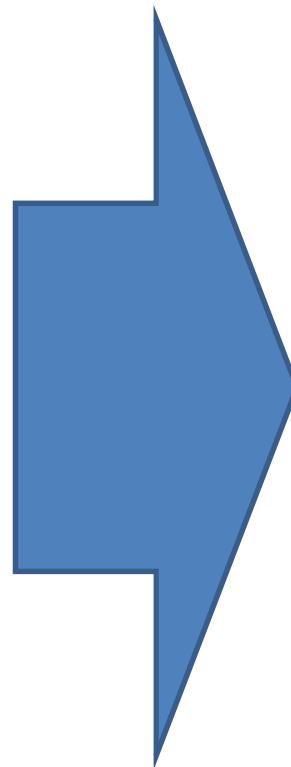


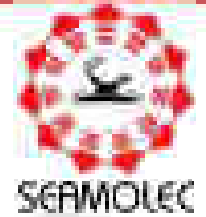
Digital Class: **THE PLATFORM**

Social Network



Social “Learning” Network





Pengenalan Edmodo

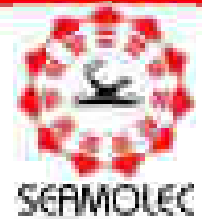
Edmodo= Educational Facebook

Fitur Edmodo= LMS+ Facebook

Edmodo adalah sebuah jejaring sosial untuk pembelajaran yang gratis dan aman digunakan bagi guru, siswa, dan sekolah.



Edmodo Social Learning

A screenshot of the Edmodo website interface. The background shows a smiling young girl in a classroom. The main heading reads "Selamat datang di Edmodo" (Welcome to Edmodo). Below it, a paragraph describes the platform as a social learning environment for teachers and students. At the bottom, there are three buttons: "Saya Guru" (I am a Teacher), "Saya Siswa" (I am a Student), and "Saya Orang Tua" (I am a Parent).

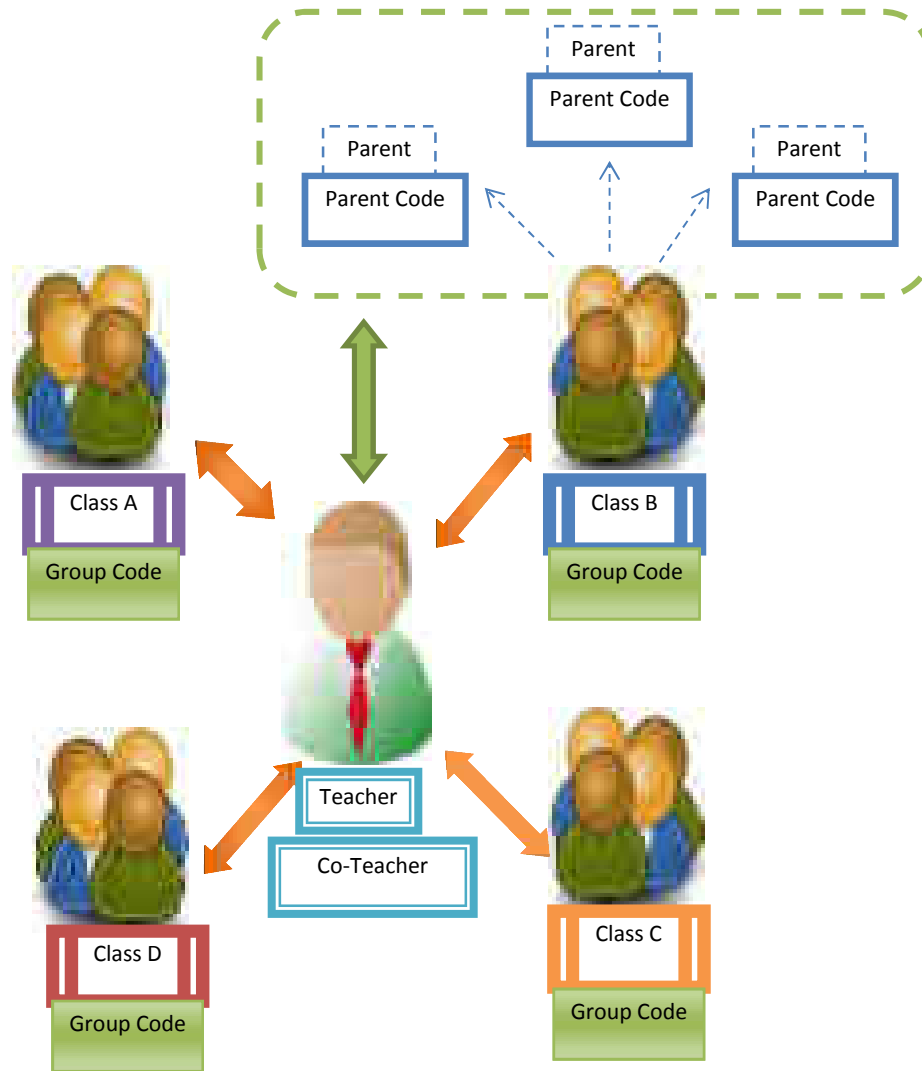
Caranya sangat mudah dan tinggal mendaftar bagi pendidik untuk
berpartisipasi dalam berkolaborasi dengan siswa, orang tua,
dan satu sama lain.

buat akun anda, gratis!

[Saya Guru](#) [Saya Siswa](#) [Saya Orang Tua](#)



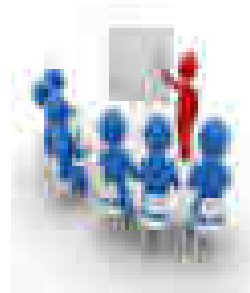
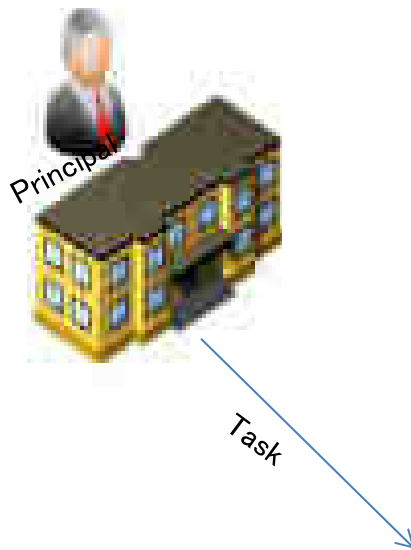
Digital Class: EDMODO Management





Digital Class: MECHANISM

Principal Policies



DC Training

Dissemination



Online Test tryout

Examination
Result



Online Development Monitoring



Digital Class Account
(Collaboration Class)

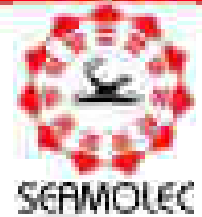


Digital Class: KOTA BANDUNG SEBAGAI PIONER



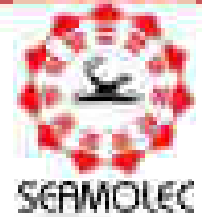
**Digital Class for
Elementary School**

ULANGAN DALAM JARINGAN (UDJ) SD KOTA BANDUNG



- Telah diikuti :26.769 siswa
- Terdiri 178 SD di Bandung :23.205 siswa
- 44 SD Non Bandung (11 Provinsi) :1.959 siswa
- UDJ INDONESIA-VIETNAM (Berbahasa Inggris) diikuti 25 sekolah Indonesia dan 1 sekolah di Vietnam (1.605 siswa)

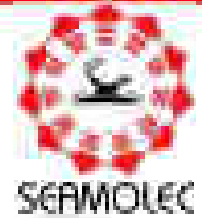




PENDUKUNG UDJ SD KOTA BANDUNG

- ADANYA ADMIN yang menjadi teacher di edmodo
- ADANYA GRUP UPLOADER EDMODO
(terdiri dari guru-guru yang membuat soal, posting soal di Edmodo dan sekaligus co-teacher)
- ADANYA GRUP GURU YANG MEMPELAJARI KONTEN BAHAN AJAR

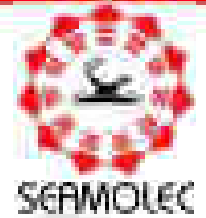




**ULANGAN DALAM JARINGAN (UDJ)
BERSAMA oleh MGMP SMP KOTA BANDUNG**

JUMLAH PROPINSI	JUMLAH KOTA/KAB	JML SEKOLAH	JUMLAS SISWA
15	25	301	23.654





Ulangan Dalam Jaringan (UDJ) Asia Tenggara (18 Sept 2015)

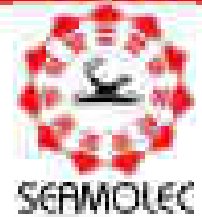
JUMLAH PESERTA

IPA KELAS 8 = 1.172 SISWA

MATEMATIKA KELAS 8 = 1.191 SISWA



Peserta Ulangan Bersama (Online) (MGMP SMP) Kota Bandung



● KELAS 7		
MATEMATIKA	=	344 SISWA
IPA	=	1436 SISWA
BAHASA INGGRIS	=	1424 SISWA
BAHASA INDONESIA	=	1280 SISWA
● KELAS 8		
MATEMATIKA	=	335 SISWA
IPA	=	446 SISWA
BAHASA INGGRIS	=	279 SISWA
BAHASA INDONESIA	=	300 SISWA
● KELAS 9		
MATEMATIKA	=	669 SISWA
IPA	=	561 SISWA
BAHASA INGGRIS	=	772 SISWA
BAHASA INDONESIA	=	678 SISWA
JUMLAH TOTAL	=	8.524 Siswa + peserta non Bandung





Digital Class: IMPLEMENTATION



Digital Class for High School



TEST DIAGNOSTIC SMA & SMK (HIGH ORDER THINKING SKILLS) SEAMEO QITEP IN SCIENCES, QITEP IN MATHEMATIC, SEAMOLEC

15 Januari 2016

Jenjang	Provinsi	Sekolah	Jumlah Siswa
SMA	18	80	3707
SMK	13	78	5395
Total			9102



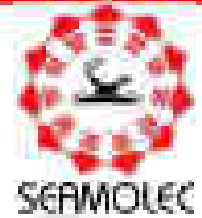
Nilai Matematika SMA & SMK

Nilai	Jumlah Siswa SMA	Jumlah Siswa SMK
≥ 70	844	766
$> 51 - 69$	756	240
< 50	2107	4389



Lokasi Geografi





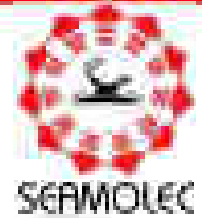
Siswa SMA yang mendapatkan nilai 100 sebanyak 101 siswa

- **Mataram**
- **Bandung**
- **Sumater Barat**
- **Bekasi**
- **Bima NTB**
- **Wonogiri**
- **Pangkalpinang**

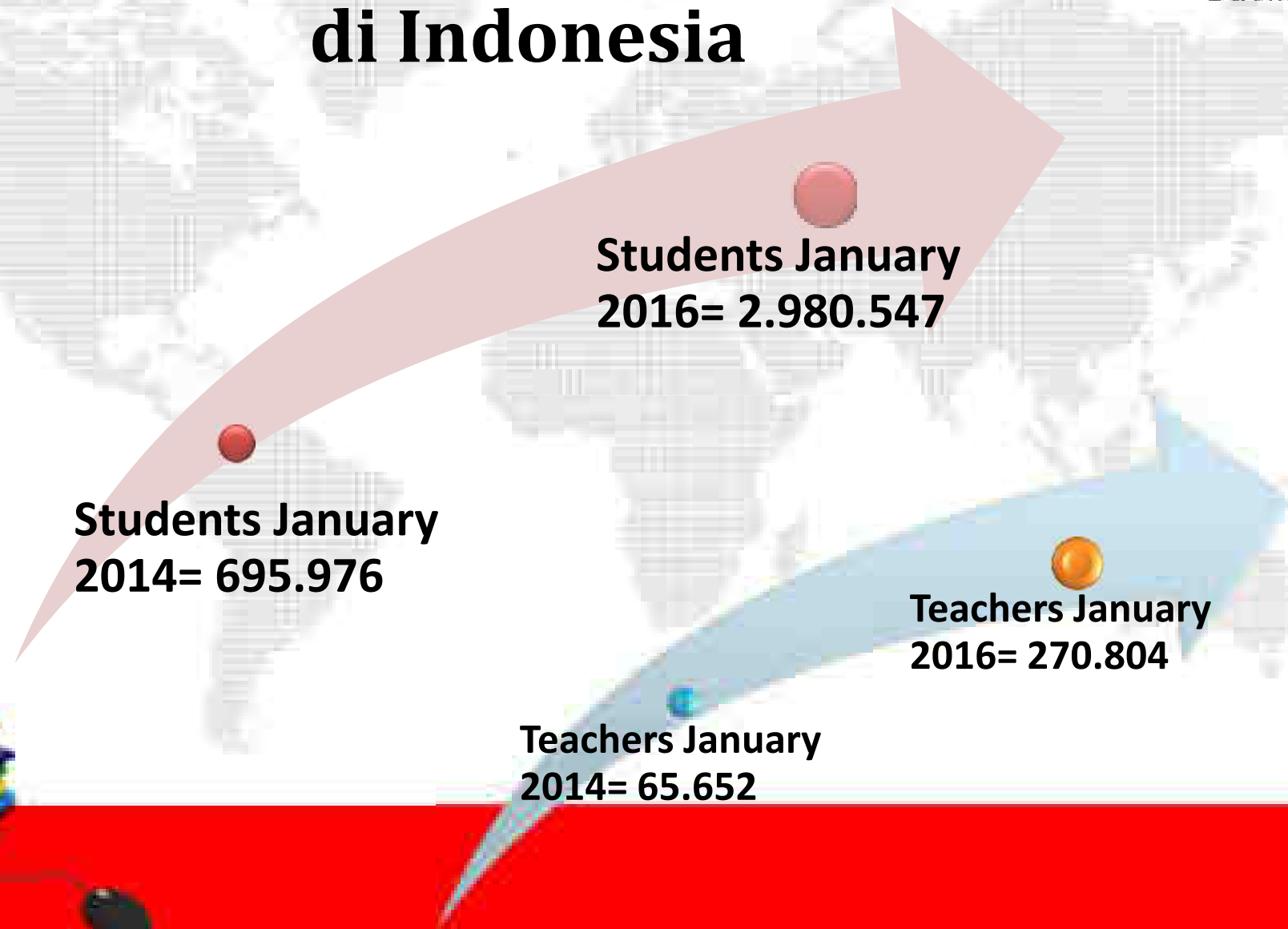
Siswa SMK yang mendapatkan nilai 100 sebanyak 180 siswa

- **Bandung**
- **Surabaya**
- **Sidoarjo**
- **Dompu**
- **Pangkalpinang**
- **Semarang**
- **Bukit tinggi**
- **Bojonegoro**

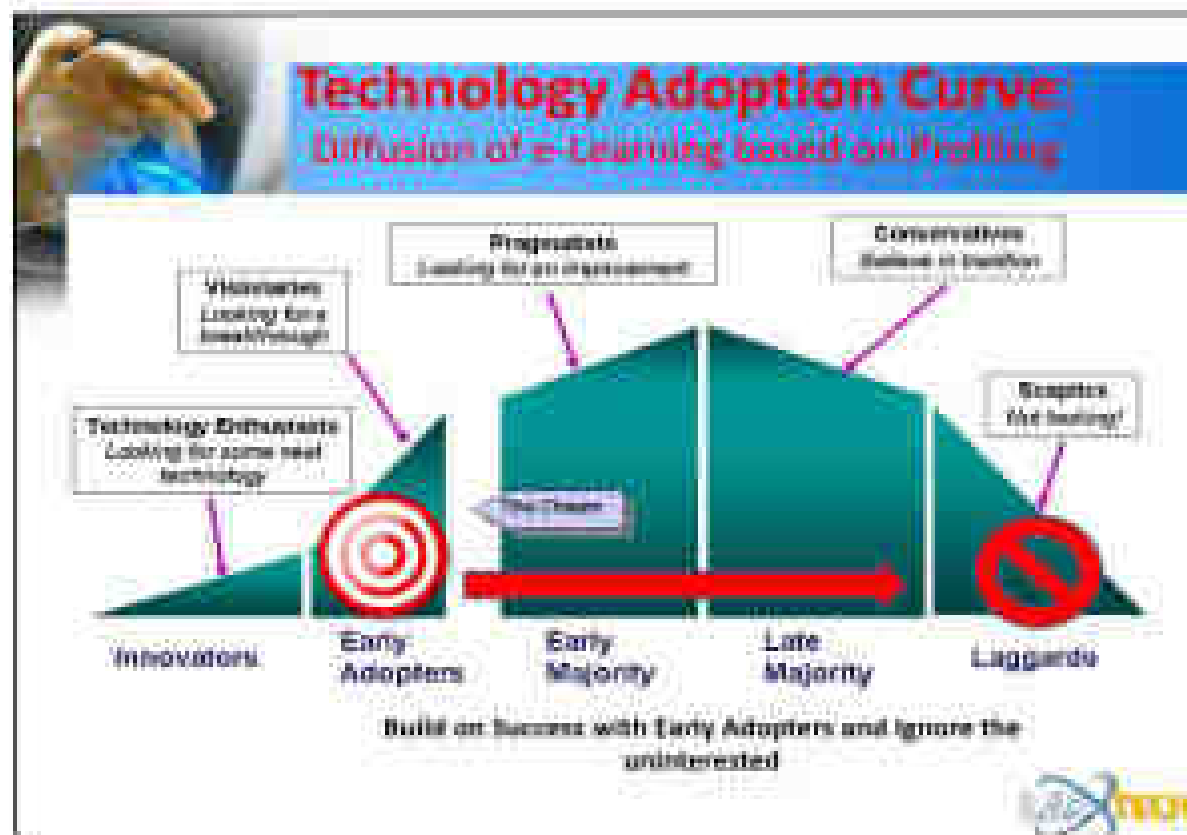


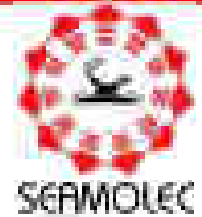


Perkembangan Pengguna Edmodo di Indonesia



DIFUSI INOVASI



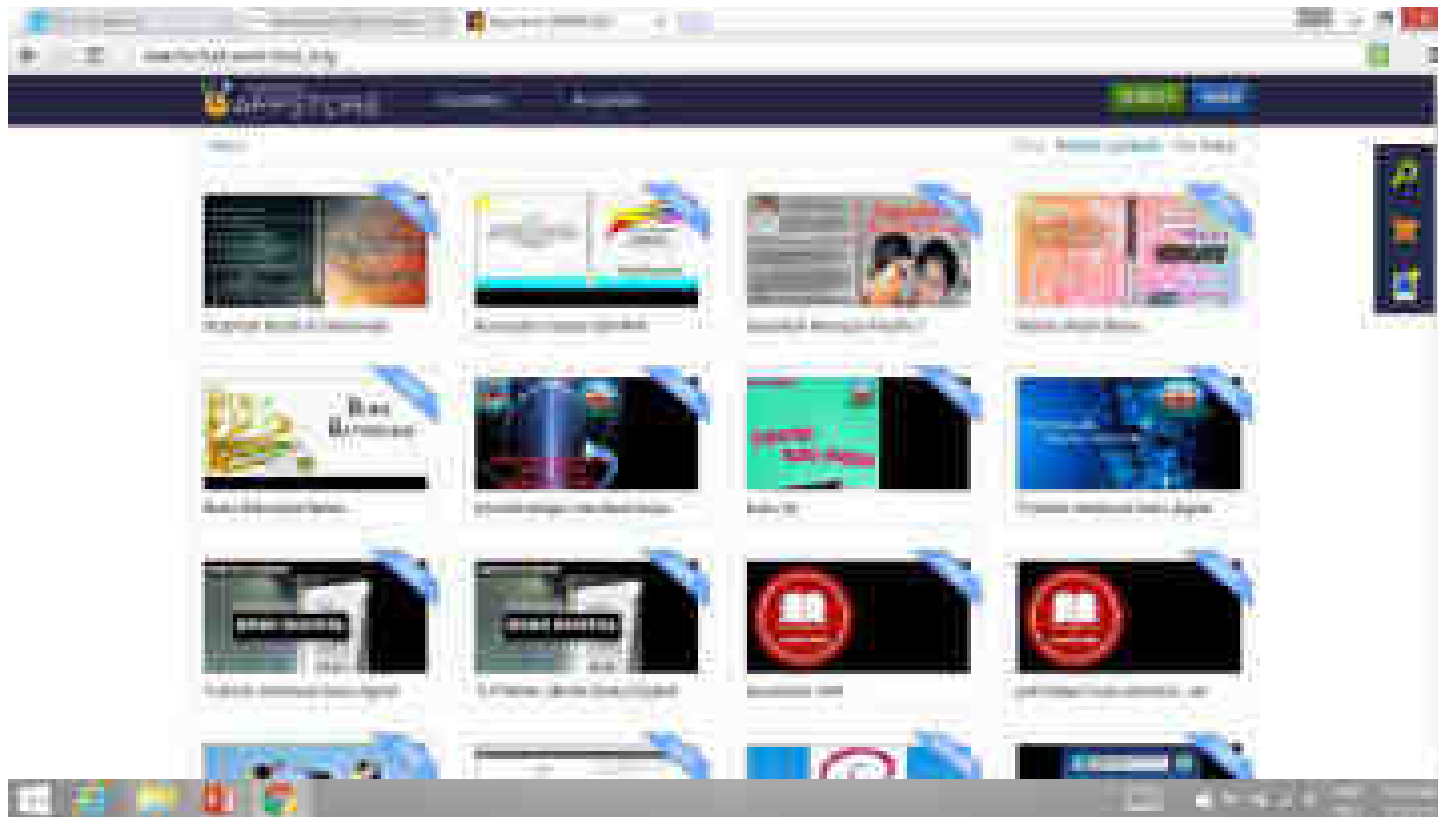


LEARNING RESOURCES:

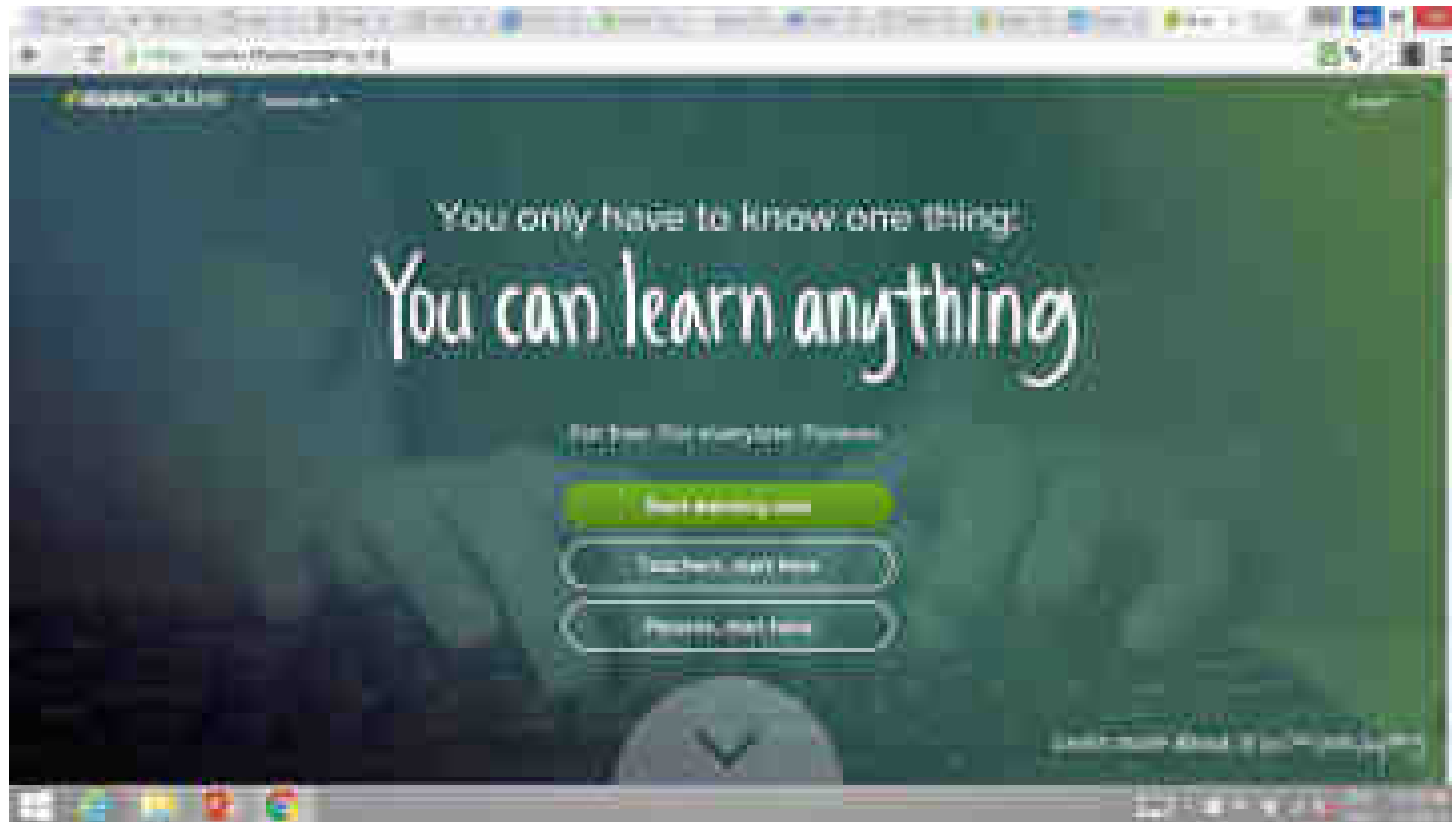
belajar.kemdikbud.go.id (14.000 animasi, 8.000 video)



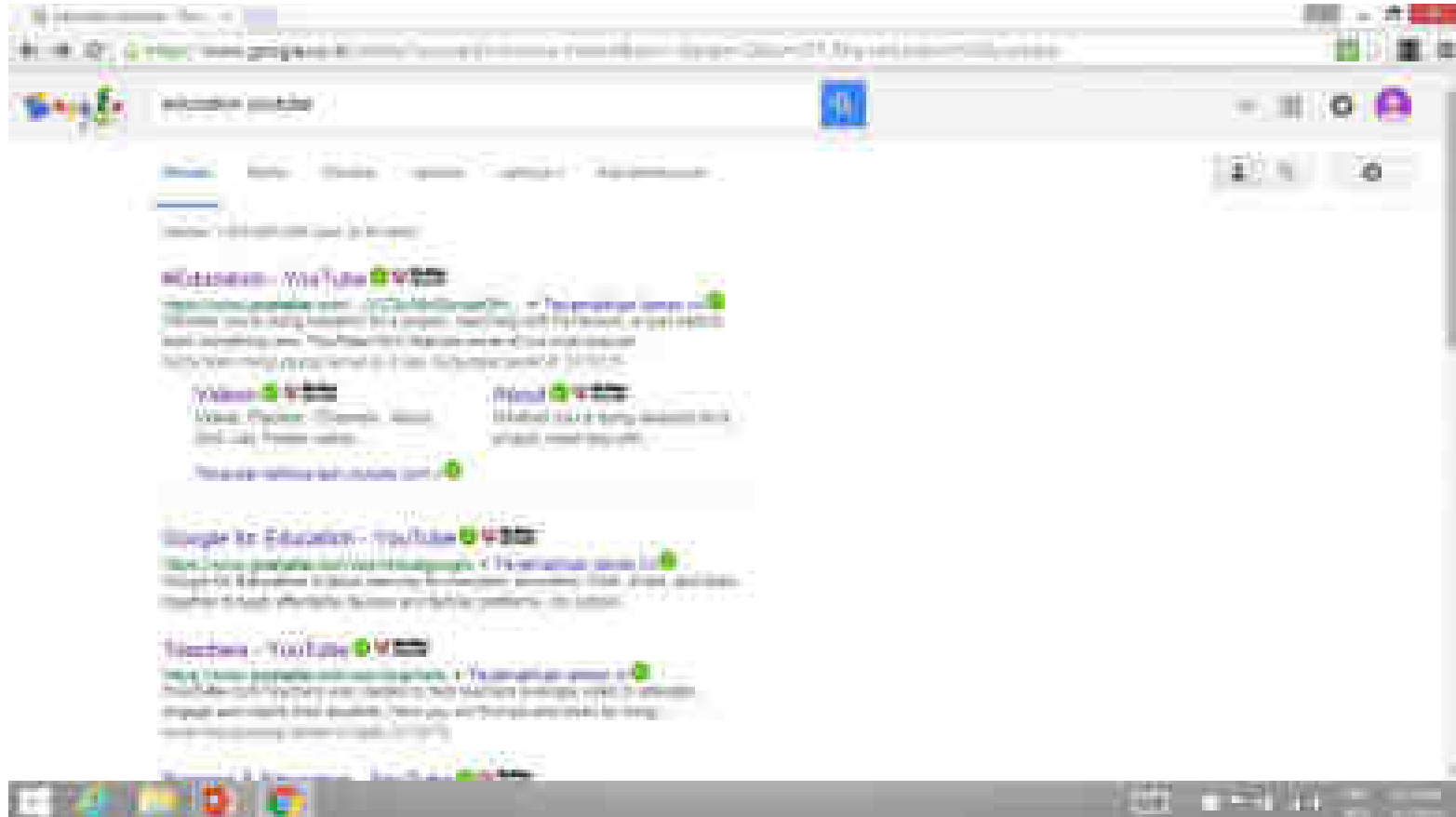
seamarket.seamolec.org (buku-buku Free Download)



www.khanacademy.org



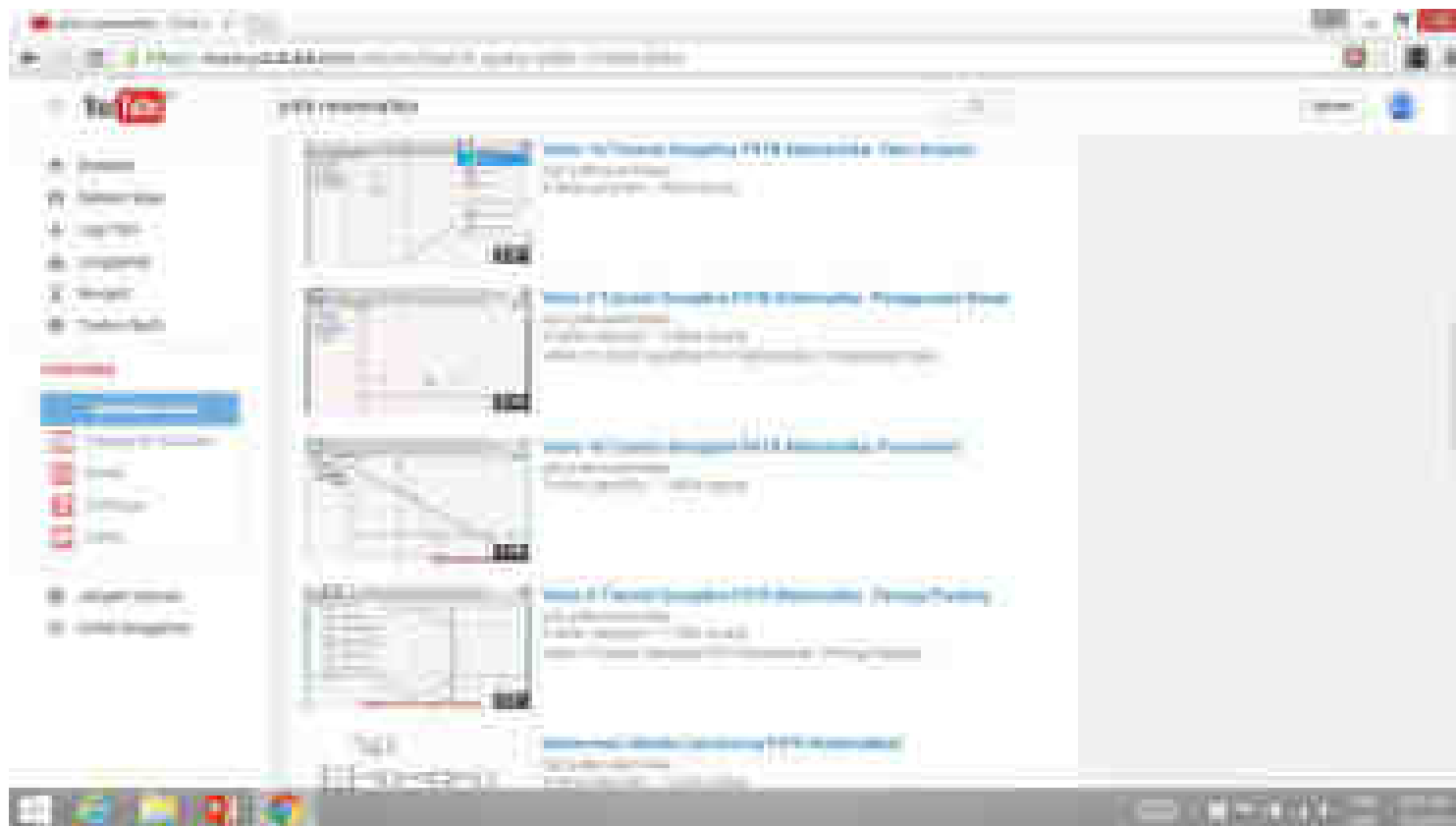
Education YouTube



www.youtube.com → media pembelajaran



www.youtube.com → p4tk matematika



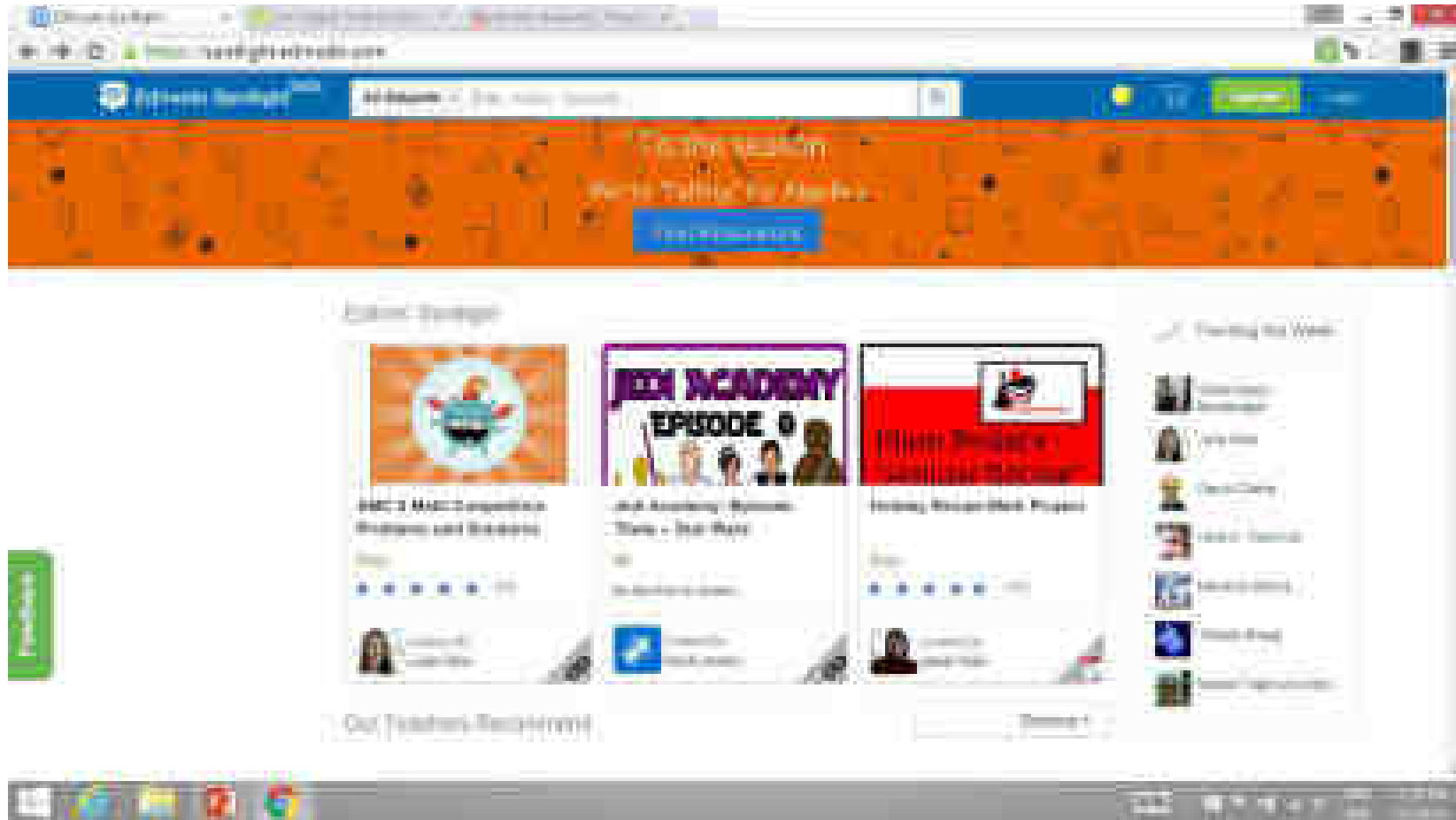
www.britannica.com

The image shows a screenshot of the Britannica website homepage. At the top, there is a navigation bar with the Britannica logo and several menu items. Below the navigation bar, the main content area is divided into several sections:

- TRENDING BRITANNICA GALLERIES:** This section features four gallery thumbnails with titles: "By Sam ...", "New ...", "History of the ...", and "Space ...".
- YOUR PHOTOS, OUR FAVORITES:** This section features four photo thumbnails with titles: "Amazing ...", "April ...", "Amazing ...", and "All ...".
- FEATURED QUIZZES:** This section features a "Try" button and a "Quiz" button.
- BROWSE BY CATEGORY:** This section features a dropdown menu.

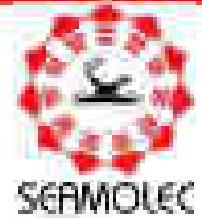
The website is displayed in a browser window, with the address bar showing "www.britannica.com". The Windows taskbar is visible at the bottom of the screen.

<https://spotlight.edmodo.com>



www.learner.org





Open and Distance Learning:
*Reaching the Unreachable,
Making the World into One World of Learning*



Thank you

