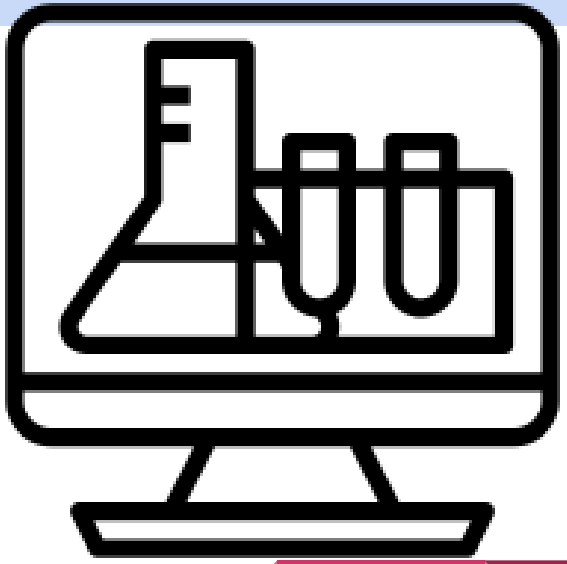
GO-LAB ECOSYSTEM FOR ONLINE TEACHING (HINDI)

-Ms. Anjali Khurana
ICT Consultant, CIET
NCERT

GO-LAB

विज्ञान शिक्षण के लिए प्रौद्योगिकी का उपयोग करने के लाभ-

- छात्रों में बेहतर ज्ञान की समझ
- ज्ञान प्रतिधारण में वृद्धि
- समय की बचत
- पुन: प्रयोज्य
- उपलब्ध
- आकर्षक और इंटरैक्टिव
- सहयोग मंच प्रदान करते हैं



Go-Lab Ecosystem के बारे में

- यह ऑनलाइन मंच European Commission द्वारा प्रायोजित है
- यह STEM विषयों को पढ़ाने के लिए मुफ्त ऑनलाइन प्रयोगशालाओं का दुनिया का सबसे बड़ा संग्रह है।
- प्रयोगशाला मॉडल दुनिया भर से एकत्र किए गए और एक मंच पर एक साथ रखे गए।
- इस मंच का मुख्य दर्शन पूछताछ सीखने (inquiry learning) पर आधारित है।

Go-Lab Ecosystem के बारे में

- प्राथमिक, उच्च-प्राथमिक और माध्यमिक शिक्षकों और छात्रों के लिए बहुत उपयोगी है।
- साझाकरण और निगरानी सुविधाएँ उपलब्ध हैं।
- प्रत्येक कक्षा सत्र के लिए आभासी सीखने के परिदृश्य से

- **ऑनलाइन लैब**
- **पूछताछ सीखने के ऐप**
- **अन्य मल्टीमीडिया शिक्षण सामग्री**

आसानी से बना सकते हैं।

https://www.golabz.eu/

golabz.eu

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GO-LAB Labs Apps Spaces Authoring Support Premium About News EN

Sharing and Authoring Platform

Find the largest collection of online labs, try-out interactive inquiry apps, combine labs and apps into Inquiry Learning Spaces, and share these with your students and colleagues.

Thousands of schools all over the world remain closed for the next weeks or even months due to the SARS-CoV-2 (COVID-19) pandemic. In order to support them in delivering online education, we invite all schools and teachers to use the Go-Lab Ecosystem for online STEM teaching. The platform and all tools (including premium labs and apps) are available free of charge. Find more information here.

New to Go-Lab? Visit our Quick Start page to learn about the platform!

LAB

Electrical Circuit Lab

In the Electrical Circuit Lab students can create their own electrical

LAB

Gravity Force Labs

There are two similar labs that you

APP

Hypothesis Scratchpad

The Hypothesis Scratchpad helps

LAB

Acid-Base Solutions

How do strong and weak acids differ? Use lab tools on your

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600 से अधिक Online Labs

golabz.eu/labs?type=1204

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Online Labs

Find online labs to enrich your classroom activities with exciting scientific experiments.

Online labs provide your students with the possibility to conduct scientific experiments in an online environment. Remotely-operated labs (remote labs) offer an opportunity to experiment with real equipment from remote locations. Virtual labs simulate the scientific equipment. Data sets present data from already performed lab experiments. Please use the filters on the right to find appropriate online labs for your class. Labs can be combined with dedicated Apps to create Inquiry Learning Spaces (ILSs).

If you are looking for online labs especially suitable for the curricula of Benin, Kenya or Nigeria, please visit our Collections page.

Boole-Deusto + Weblab-Deusto Digital Systems

☆☆☆☆☆ No votes have been submitted yet.

Digital systems are everywhere. For instance, a computer is a digital system. This experiment shows the principles of digital systems and devices. This remote lab is not about science, it is about engineering (and technology): design, implementation and analysis of digital systems.

weblabdeusto

Photoelectric Effect

☆☆☆☆☆ No votes have been submitted yet.

The photoelectric effect is playing a major role in the development of quantum physics. Here one can

How to publish your lab

Propose Lab

Sort

Updated

Sort

Subject Domains

- Astronomy (3)
- Biology (2)
- Chemistry (2)
- Engineering (22)
- Environmental Education (2)
- Geography And Earth Science (1)
- Mathematics (4)
- Physics (38)
- Technology (22)

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Online Labs

ऑनलाइन प्रयोगशालाएं नई संभावनाएं प्रदान करती हैं जो कभी कक्षा के वास्तविक समय में नहीं की जा सकती हैं।

वास्तविक समय की प्रयोगशालाओं की तुलना में, वे

- सुरक्षित
- तेजी से प्रयोग के लिए सक्षम
- सस्ता
- गैर खतरनाक

हो सकते हैं

Online Labs

- ऑनलाइन लैब छात्रों को ऑनलाइन वातावरण में वैज्ञानिक प्रयोग करने की संभावना प्रदान करते हैं।
- दूर से संचालित प्रयोगशालाएं (रिमोट लैब) दूरस्थ स्थानों से वास्तविक उपकरणों के साथ प्रयोग करने का अवसर प्रदान करती हैं।
- आभासी/ वर्चुअल लैब वैज्ञानिक उपकरणों का अनुकरण करते हैं।

40 से अधिक Inquiry Learning Apps

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GO-LAB Labs Apps Spaces Authoring Support Premium About News EN

Inquiry Learning Apps

Provide guidance and support to your students at each step of the inquiry process.

Apps are dedicated software tools that help students in their inquiry learning tasks and help students to create hypotheses, design experiments, make predictions, formulate interpretations of the data, etc. Other learning apps present students, for example, with a quiz or allow students to view online teacher feedback. The apps can be combined with an Online Lab to create an Inquiry Learning Space (ILS). Learning Analytics apps give teachers an overview of students' progress in the ILS.

Name The Frame

★★★★★ Rating: 5 - 1 votes

This app allows students to drag labels and drop them into frames, indicating the different parts of an image. This image can be a screenshot of any lab, a diagram explaining the different components of something, etc.

Chat

☆☆☆☆☆ No votes have been submitted yet.

The chat app allows students to communicate with their peers in the same collaboration groups. These groups are defined using the Collaboration Tool (https://www.golabz.eu/app/collaboration-tool).

Sort

Updated

Sort

Categories

- Go-Lab Inquiry Apps (16)
- Learning Analytics Apps (14)
- Domain Specific Apps (1)
- Math Related Support Apps (2)
- Collaboration Apps (6)
- General Apps (7)

Languages

- Arabic (22)
- Basque (35)
- Bulgarian (7)
- Catalan (13)
- Croatian (1)

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Inquiry Learning Apps

Inquiry Learning Apps मार्गदर्शन प्रदान करते हैं जो परिकल्पना तैयार करने, डिजाइनिंग प्रयोग, और निष्कर्ष निकालन में छात्रों की सहायता करते हैं।

1000 से अधिक Inquiry Learning Spaces

golabz.eu/spaces

Apps Business Plan Execu... You

GO-LAB Labs Apps Spaces Authoring Support Premium About News EN

Inquiry Learning Spaces

Create Inquiry Learning Spaces and give your students the experience of doing science.

Inquiry Learning Spaces (ILSs) are personalized learning resources for students, including a lab, apps, and any other type of multimedia material. ILSs follow an inquiry cycle. Inquiry cycles can differ but the basic Go-Lab cycle consists of the phases Orientation, Conceptualisation, Investigation, Conclusion, and Discussion. The aim of an ILS is to provide students with an opportunity to conduct scientific experiments, being guided through the inquiry process and supported at each step.

This page presents ILSs created by teachers or the Go-Lab and/or Next-Lab team (and often in co-creation), on a large set of domains and in many languages. You can create ILSs starting from an online lab, but also copy and adapt an existing ILS with the help of the Go-Lab authoring platform. Visit the Support page where you will find demo-videos, tips & tricks, and user manuals, that explain how to work with the Go-Lab authoring platform and how to publish your own ILS once it is finished.

If you are looking for Inquiry Learning Spaces especially suitable for the curricula of Benin, Kenya or Nigeria, please visit our Collections page.

If you select ILSs in English, the descriptions on this website will still be displayed in English, except if the ILS author has provided the description in English. However, if you click on the preview button or copy an ILS to Graasp, the ILS will be displayed in English, as created by the ILS author.

Surviving The Arctic

☆☆☆☆☆ No votes have been submitted yet.

Living in cold environment is a challenge, that's why some plants create a few ways of adaptation to the Arctic climate. How high are trees in Arctic forests or how many colours does tundra have in the summer?

Scenarios

Sort

Newest

Sort

Subject Domains

- Astronomy (31)
- Biology (62)
- Chemistry (52)
- Engineering (19)
- Environmental Education (41)
- Geography And Earth Science (33)
- Mathematics (34)
- Physics (158)
- Technology (24)

Big Ideas Of Science

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Inquiry Learning Spaces (ILS)

- छात्रों के लिए व्यक्तिगत सीखने के संसाधन हैं, जिन्हें लैब, ऐप्स और किसी भी अन्य प्रकार की मल्टीमीडिया सामग्री के संयोजन के रूप में बनाया गया है।
- इसे पाठ योजना और छात्रों की आवश्यकता के अनुसार ऑनलाइन सामग्री को प्रस्तुत करने के एक संरचित तरीके से बनाया जाता है।

Go-Lab's Authoring and Learning Platform
https://graasp.eu/

Go-Lab Authoring Platform

Go-Lab Authoring Platform का उपयोग करके व्यक्तिगत ILS बना सकते हैं जो कक्षा की गतिविधियों में ऑनलाइन प्रयोगों और प्रदर्शन की अपील के साथ समृद्ध हो-

- अपनी पाठ योजना बनाए
- लर्निंग एनालिटिक्स सेट करें
- अपने सहयोगियों के साथ मिलकर काम करें

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