HOW TO ACCESS

Engineering byDesign™

IN Minnesota
What Is Engineering byDesign™?

• Model Curriculum for PreK-12 STEM and Engineering
• Aligned to National Standards:
  • Common Core State Standards – Math & ELA
  • Next Generation Science Standards
  • Standards for Technological Literacy
• Real world context through engineering challenges
• Developed by the STEM Center for Teaching and Learning at ITEEA
| CORE PROGRAM | PreK–2         | EbD-TEEMS **NXTGEN™** | 1-6 weeks | 3–6          | EbD-TEEMS **NXTGEN™** (6th Grade Capstone), \(I^3\) | 1-6 weeks | 6              | Exploring Technology | 18 weeks | 7           | Invention and Innovation | 18 weeks | 8              | Technological Systems     | 18 weeks | 9              | Foundations of Technology | 36 weeks | 10–12       | Technology and Society    | 36 weeks | 10–12       | Technological Design      | 36 weeks | 11–12        | Advanced Design Applications | 36 weeks | 11–12       | Advanced Technological Applications | 36 weeks | 11–12       | Engineering Design (Capstone) | 36 weeks |
Access to EbD Curriculum in Minnesota: MN-EbD STEM Network

Eligibility Options:
1. Minnesota teachers
2. University and colleges that are a MN-EbD partner

• NO COST TO ACCESS THE Standard Edition
• ACCESS THROUGH PASSWORD-PROTECTED WEBSITE
Go to the [www.iteea.org](http://www.iteea.org) website
“Login” or “Join” to create a FREE account
Click on Global STEM
Click on STEM BY STATE

Global STEM

The International Technology and Engineering Educators Association (ITEEA) is the professional organization for technology, innovation, design, and engineering educators. Our mission is to promote technological and engineering literacy for all by supporting the teaching of technology and engineering and promoting the professionalism of those engaged in these pursuits. ITEEA strengthens the profession through leadership, professional development, membership services, publications, and classroom activities.

Click on the Stem by State to see individual STEM by Centers. Click on International Centers to search.

STEM BY STATE
SEARCH

INTERNATIONAL CENTERS
SEARCH
Click on MN on the map

Supervisor, Affiliate Representative, State Association, and more. EbD Consortium States will also see curriculum resources developed and provided exclusively for them. See ITEEA International Centers and PATT Conference information here.
Click on Request Access Button
Complete the Form and Submit

![Form Image]
The EbD State Director receives notification

A user has logged on to the ITEEA website and is requesting access to the STEM CTL resources from your state.

john cirincione (cirincionejo@egcsd.org), (Organization/ School: from State: NY ) is awaiting your response.

The user message request:

For access, login to the ITEEA website, visit your consortium resources page and locate the user. To enable access to the documents, click on box next to their name. To remove access, unclick this box.

For additional questions, contact ITEEA at (iteea@iteea.org)
Reply Email from Access Request

Your request for access to the EbD resources on the (STATE) Consortium page has been granted by your EbD Consortium Director. Go to the [ITEEA website](https://iteea.org) and login.

Click the STEM by STATE map and click on your state. You will now see the “EbD Resources” tab. Click the tab to see your state’s EbD courses. If you do not see this tab, log out, refresh your browser, and log back in so the system will recognize your new status.

The files you see here are either ZIP files or PDF. You must “extract all” files in the Zip files. Click the START HERE file in the root folder to begin.

Email ITEEA at [iteea@iteea.org](mailto:iteea@iteea.org) with questions.
Downloading a Course

Click the EbD Consortium Resources tab.

Click I Agree on the user agreement screen.
Downloading a Course

Click the course title.

Click the download button.
Download the ZIP file and save as to the appropriate folder on your computer.
Unzipping Your File

Click the folder and then click Extract all to unzip. Click Extract.

Click the Start_Here.html to open the course.
UPGRADE YOUR SCHOOL’S ACCESS TO EbD!

Become an EbD™ Network School

✓ Online access to the Media Rich edition (MRe) of the curriculum delivered through a state-of-the-art platform – EbD Buzz™

✓ Online Pre/Post assessments to measure student learning and a dashboard to access real-time data

✓ Summative achievement and growth reports – useful for identifying “teacher effectiveness” and SOL data

✓ Exclusive online professional learning community

✓ Additional PD offerings are available from ITEEA throughout the summer and at the ITEEA conference
FOR MORE INFORMATION:

Kurt Helgeson
krhelgeson@stcloudstate.edu
320-308-3127

Michael Sandell
msandell59@gmail.com