HOW TO ACCESS

Engineering byDesign™

IN North Carolina
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
## PreK-12 Integrative STEM Curriculum

<table>
<thead>
<tr>
<th>PreK–2</th>
<th>EbD-TEEMS <strong>NXTGEN™</strong></th>
<th>1-6 weeks</th>
</tr>
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<tbody>
<tr>
<td>3–6</td>
<td>EbD-TEEMS <strong>NXTGEN™</strong> (6th Grade Capstone), <strong>I³</strong></td>
<td>1-6 weeks</td>
</tr>
<tr>
<td>6</td>
<td><em>Exploring Technology</em></td>
<td>18 weeks</td>
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<tr>
<td>7</td>
<td><em>Invention and Innovation</em></td>
<td>18 weeks</td>
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<tr>
<td>8</td>
<td><em>Technological Systems</em></td>
<td>18 weeks</td>
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<tr>
<td>9</td>
<td><em>Foundations of Technology</em></td>
<td>36 weeks</td>
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<tr>
<td>10–12</td>
<td><em>Technology and Society</em></td>
<td>36 weeks</td>
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<tr>
<td>10–12</td>
<td><em>Technological Design</em></td>
<td>36 weeks</td>
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<tr>
<td>11–12</td>
<td><em>Advanced Design Applications</em></td>
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<tr>
<td>11–12</td>
<td><em>Advanced Technological Applications</em></td>
<td>36 weeks</td>
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<tr>
<td>11–12</td>
<td><em>Engineering Design (Capstone)</em></td>
<td>36 weeks</td>
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Access to EbD Curriculum in NC: NC-EbD STEM Network

Eligibility Options:
1. North Carolina teachers
2. University and colleges that are a NC-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
Click on NC on the map

ITEEA offers a State-by-State view of calendar events and other resources. Click on your state to learn about your State 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
The EbD State Director receives notification

From: iteea@iteea.org

Subject: ITEEA - EbD State Resources Request Access

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, uncilck this box.

For additional questions, contact ITEEA at (iteea@iteea.org)
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](https://iteea.org) 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:

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