



BC Tomorrow “Getting Started” Checklist

BC Tomorrow aligns well with BC’s curriculum and can be used to support learning in a variety of settings, grades, and subjects. It is student-centred, engaging, holistic, unbiased, and relevant; in their own regions, users examine real issues using real data.

1) Is browser compatible with BC Tomorrow?

- Open **Google Chrome**: paste the link <https://get.webgl.org/> A spinning cube will appear if it works.

2) Launch the simulator, create an account

- Go to www.bctomorrow.ca; click launch the simulator,
- login and create an account (teacher, student, general public),
 - an email address is required to confirm registration and complete sign-up process.

3) Locate main dashboard

- Click the “Dashboard” icon near the top of the screen beside the “Logout” icon.
- Create profile

4) For teachers - Access ready-to-use lesson templates and answer keys

- See main dashboard click teacher resources. Lessons can be used/modified to meet student/teacher needs.
 - Use filter to search by grade, and/or key word
- Lessons applicable at multiple grade levels/ multiple subject areas
 - General lessons, for example:
 - **Yesterday, Today, Tomorrow**,
 - **Investigate Climate Change in BC**
 - Targeted at specific grades, for example:
 - Social Studies 6/7, Grade 10/11 **“What’s at Stake”** - stakeholder debate (by sector),
 - Science 9 **“It’s in the Balance”** - systems thinking applied to the environment,
 - Social Studies 10 **“Governments have it Rough”** - decision making in communities,
 - Earth/Environmental Science 11 **“Sustainability and Sustainable Development”**
 - Social Studies 11, Geography 12 **“Sustainability in local Watersheds. An Investigation”**
 - Plus, many other lessons for teachers

5) Simulator – Run Scenario’s

- **FOR PREP**, run a scenario in the watershed students will (likely) be using in advance.
 - After first scenario has been run by *anyone* in the watershed, all subsequent scenarios run faster.
 - Choose Satellite or Street view – purple “hat” icon at the top left of the map.
- **Scenario types**:
 - Historic – Go back 100 years, look for environmental and socio-economic cause-and-effect relationships.
 - Business as Usual – 30 years into the future. Future trend is based on previous 30 years.
 - Land Use – Student generated plans developed to address concerns/priorities.
 - Beneficial Management Practices – Assist with planning; see Tutorials
- **Climate Change**
 - Built into selected lessons – Gr 7, 11, 12 – to find, search using keywords
 - General lesson **“Examine Climate Change in BC”**

6) Other features accessible from dashboard:

- **Explore tab** - Explore BC. Examine land uses (i.e., forestry, agriculture, settlement/transportation) or major physical features (i.e., Coast Range, Rocky Mt Trench, Rivers, Lakes, ...). **Note** - Individual watersheds **cannot** be accessed in Explore Function.
- **Instructional videos** – Support simulator functions and curriculum; embedded in simulator
 - “How to” Tutorials, Understand the Landscape, Environmental and Socio-Economic Indicators.
- **Field Observations** - Water quality measurements and Field observations can be uploaded to support learning.
- **QUESTS** - *designed* to extend learning beyond classroom.
 - See Achievements— For the tracking to work, *tasks must be completed EXACTLY* as stated in the description.
 - When a Quest is open, simulator automatically “checks off” required tasks as students’ complete tasks.
- **Reports** - Provides opportunities for analysis/reflections and can be shared via social media and/or email.
- **Leaderboard** – Tracks points earned and ranks by school and all users of BC Tomorrow
- **Data sources/references** - access data, references, and assumptions under all descriptions (i.e., indicators/landscape types).