

# K-12 ArcGIS Workshops



## Workshop Overview

All of our workshops can be facilitated by members of the Esri Canada K-12 group virtually. We can either host them on our virtual meeting software, Microsoft Teams or using your school/school board's meeting software. We are flexible with the length of the workshops and can adapt these to meet your professional learning needs. We recommend between 60 – 180 minutes for most workshops. There are many options for **self-guided** learning too. Try [Let's get started with ArcGIS Online!](#)

## Workshop 1: Empower students to explore their world

Focused on [Esri Canada K-12 resources](#) and how to use GIS in teaching.

This workshop will explore free and curriculum-specific resources for ArcGIS Online mapping software across various grades and subjects within your provincial/territorial curriculum. With these resources, students can solve problems by asking relevant local and global questions, acquiring and analyzing relevant data, and communicating their findings using maps. In this session, you will learn how to incorporate our resources and software into your teaching.

A **self-guided** option for this workshop is available with a recording here: <https://arcg.is/0zi4iq>

## Workshop 2: Bring your map to life with ArcGIS

Focused on [ArcGIS Map Viewer](#) - creating a map and accessing data.

ArcGIS Online is a cross-curricular GIS tool that strengthens spatial literacy and supports inquiry-based learning. With ArcGIS Online, students create, share, and analyze digital maps, story maps, data, and apps. You will leave this workshop with hands-on training in creating maps using your own data and authoritative, current data.

## Workshop 3: Building a sense of place and community with free digital tools

Focused on [Survey123](#) – creating a collaborative activity.

In this hands-on session, educators will learn how to create a collaborative field study using Survey123, a free, Web-based digital survey tool in Esri's ArcGIS Online software. With this, students can create interactive surveys that allow them to collect data using their preferred device, whether at home, at school, or outside in the community. A survey is a great way to gather primary source data on a community's people and environment. You will also learn how to communicate the results of the survey using Esri's interactive tools.

A **self-guided** option for this workshop is available with a recording here: <https://arcg.is/quuLy>



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## Workshop 4: Engage your students with StoryMaps

Focused on [ArcGIS StoryMaps](#)

StoryMaps are an engaging storytelling tool that incorporate maps, text, photographs and other media. In this workshop, you will learn how to engage and inspire your students using the ArcGIS StoryMap builder to visualize and share your data. Follow along as we outline the flexible storytelling options, the built-in express maps, and explore the pre-designed themes that you can apply to your story and data.

## Workshop 5: Take StoryMaps to the next level

Focused on [ArcGIS StoryMaps](#)

Are you ready to take ArcGIS StoryMaps to the next level? Go beyond text and multimedia blocks to explore the many advanced tools in the StoryMaps builder. In this workshop, you will learn about some of the new functionality and use immersive builders to create a highly customizable resource.

## Workshop 6: Teaching & Learning with ArcGIS StoryMaps

Focused on [ArcGIS StoryMaps and their use in teaching](#)

StoryMaps are an engaging storytelling tool that incorporates the use of maps, text, videos, photographs and other media. Find out how to engage and inspire your students using the ArcGIS StoryMaps builder to visualize and share your data. In this session, you will learn why, where, and how to use story maps in your teaching and create them.

## Workshop 7: Making sense of the world through data

Focused on [ArcGIS Dashboards](#)

Whether you are collecting data or using the freely available authoritative data in ArcGIS Online, a dashboard is a great way to monitor local and global events, ask questions, and see patterns and trends. In this session, educators will use ArcGIS Online and ArcGIS Dashboards to learn how to create interactive dashboards with maps, charts, histograms, and gauges based on live-updating data and how students can use maps and dashboards in various curriculum areas.

## Next Steps

Where do you start?

1. Determine what your needs are and if there is a workshop listed that supports this.
2. Decide who will be the audience of your workshop. What grade, subject, or GIS experience does the educator have? Is the audience more open for everyone to attend?
3. Determine a few dates and the approximate length that you would like the workshop to be.
4. Contact us at [k12@esri.ca](mailto:k12@esri.ca).

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