



Getting Started Guide

for Instructors

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What is the Day of STEM?

- The **Day of STEM** is an interactive, online platform that brings Science, Technology, Engineering and Mathematics 'to life' in your classroom.
- Your students test-drive STEM careers and self-select industry expert mentors who guide the students through the STEM-based career exploration. Students are able to experience the range of skills and challenging real-life scenarios used in each career.
- Students are able to visualise and explore exciting careers available to them upon graduation, create their own STEM Resume, and understand the roadmap of courses and skills at secondary and tertiary levels that will help prepare them for those exciting careers.

Day of STEM Construct

You may have your students run the **Day of STEM** at any time! They typically start during one class day, but the overall experience can extend throughout the entire school year in flexible ways that you best determine for your classes.

Part 1 ... Ideation

- *About 45 minutes ... in class*
- *Explore three STEM careers, generate STEM Resume*

Part 2 ... Virtual Field Trip Activities

- *Online activities to explore skills presented during Part 1*
- *Based on specific Day of STEM “themes”: Innovation, Sports Analytics, Women in STEM, Cyber Security, etc.*
- *Field trips examples: puzzles, IT-games, sports salary challenges, STEM topics*
- *Each field trip takes about 1 hour to complete, often assigned as homework*
- *Students use actual industry tools, guided by industry mentors*

Continued use ... in school, as homework, as projects!

- *Facilitate interactive classroom discussion & exercises*
- *Leverage the skills and tools exposure within your syllabus*
- *Additional mentors & journeys available throughout the school year*

Getting Ready

to Run the Day of STEM

- A computer for each student's use ...
(Windows, Mac or Linux ... desktop, laptop or tablet)
- Internet Access ... *wired or Wi-Fi*
- Internet Browser ... *Chrome, IE, Firefox, Safari*
- Run the Compatibility Test ...
<https://prod.lifejourney.us/lifeJourney/systest>
- Large classes (>15 students) should start in smaller groups at slightly different times to minimize the load on slower networks.
- Headphones ... *recommended*

Running Day of STEM *in the Classroom*

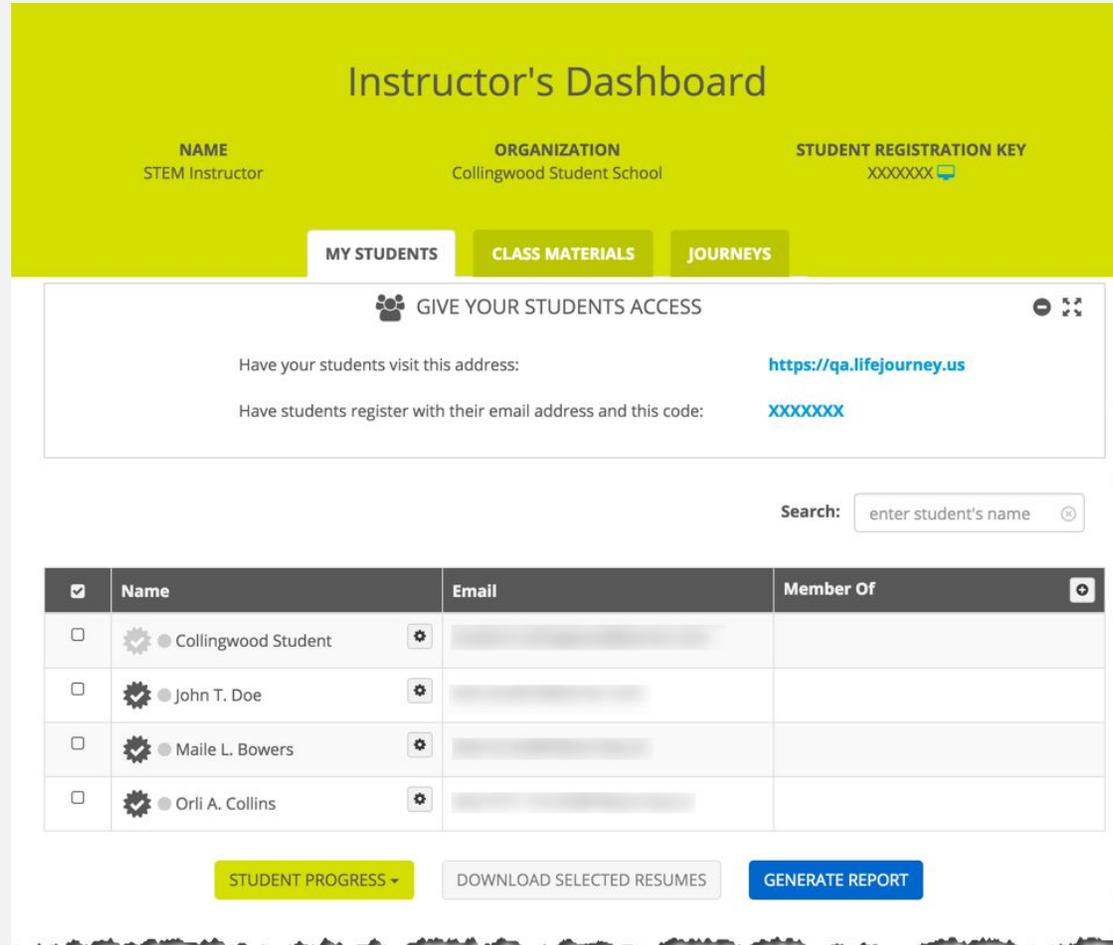
- Facilitate general discussion
... ***“What do you want to be
when you grow up?”***



- Provide students the “Registration Key” (from your Instructor Dashboard) and have them register at **<http://prod.lifejourney.us>**
- Then have them explore the Day of STEM on their own, following the instructions of host mentor “Dominic.”
- At the end of Part 1, have students download and⁵ review STEM Resume.
- As preparation for Part 2, assign students “homework” of running the STEM Cup Challenge, located in their Dashboard.

Instructor Dashboard

The Instructor Dashboard is your “home page” whenever you login to the platform. Here you are able to fully monitor and administer students running the Day of STEM in your classes, and then create convenient reports summarizing overall participation. *(Refer to the Instructor Dashboard Guide for further details.)*



Instructor's Dashboard

NAME	ORGANIZATION	STUDENT REGISTRATION KEY
STEM Instructor	Collingwood Student School	XXXXXXX

MY STUDENTS
CLASS MATERIALS
JOURNEYS

GIVE YOUR STUDENTS ACCESS

Have your students visit this address: <https://qa.lifejourney.us>

Have students register with their email address and this code: **XXXXXXX**

Search:

☑	Name	Email	Member Of
<input type="checkbox"/>	Collingwood Student		
<input type="checkbox"/>	John T. Doe		
<input type="checkbox"/>	Maile L. Bowers		
<input type="checkbox"/>	Orli A. Collins		

STUDENT PROGRESS
DOWNLOAD SELECTED RESUMES
GENERATE REPORT

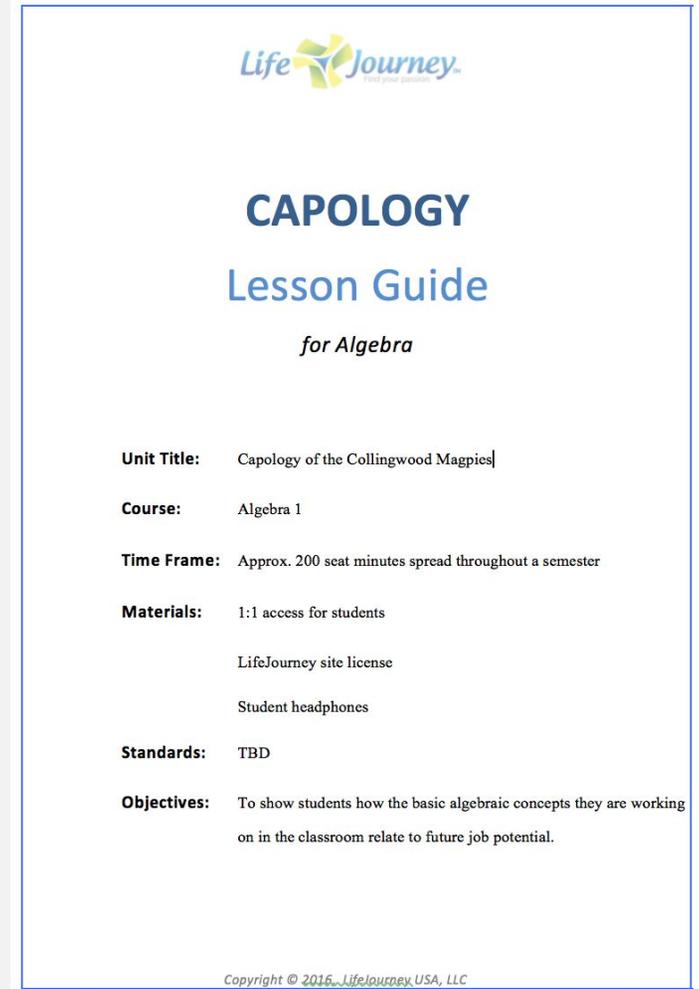
Using Day of STEM *Throughout the Year*

As an instructor, you can continue leveraging the platform in your Maths, Stats, Data Analysis and Careers classes with the reference material available in your Instructor Dashboard. **(See separate guide.)**

The Capology Lesson Guide is one such resource located in the Class Material tab, providing suggestions for ongoing classroom discussion, exercises and homework. Using the Guide, your syllabus can come to life with industry relevance.

Capology Lesson Guide provides ...

- A “Solutions Methodology” for the STEM Cup Challenge (for guiding students)
- Over 200 seat-minutes of industry relevant material
- Hard Skills Exploration ... *Maths, Data Science, Economics, Finance, Software Tools*
- Soft Skills Exploration ... *Problem Solving, Risk Management, Decision-making, Grit*



The screenshot shows the title page of the 'CAPOLOGY Lesson Guide for Algebra'. At the top is the 'Life Journey' logo. Below it, the title 'CAPOLOGY Lesson Guide for Algebra' is displayed in blue. A list of details follows, including Unit Title, Course, Time Frame, Materials, Standards, and Objectives. The page is framed by a blue border.

Unit Title: Capology of the Collingwood Magpies|

Course: Algebra 1

Time Frame: Approx. 200 seat minutes spread throughout a semester

Materials: 1:1 access for students
LifeJourney site license
Student headphones

Standards: TBD

Objectives: To show students how the basic algebraic concepts they are working on in the classroom relate to future job potential.

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Good luck!

Please let us know if you have any questions.

Support@LifeJourney.us