

# TEACHER'S GUIDE

## Facilitating YouthLink's Grade 6 Field Trip Program

# FSI: YOUTHLINK

Forensic Science Investigation



In this document, you will find important information and instructions to assist you in preparing for the YouthLink Field Trip and teaching the pre-field trip lessons to your class. The lessons and our field trip are designed to support you in covering the Grade 6 Evidence and Investigation Unit curriculum outcomes.

**The guide includes:**

- A unit overview of core evidence and investigation lessons that lead up to the crime that the students will solve in the Centre as a part of the field trip
- Options for concluding post-field trip activities for your class
- Additional important information including accessing our resources, FAQs, and providing feedback about the program

To support teachers in delivering and facilitating our program, we have laid out and provided most of what you need to facilitate each lesson, and the crime. **However, it is important to note that there is some preparation and work required by you to successfully deliver this program.**

## Table of Contents

Overview and Structure of Forensics Lessons.....p.g. 2

Explanation of Website Resources.....p.g. 4

FAQ.....p.g. 5

Feedback.....p.g. 6

## Overview of FSI: YouthLink Unit

Our lessons are designed to be completed chronologically. The lesson topics are as follows:



**Lesson**



**Introduction to the unit**

**Lesson**



**Observation & Witness  
Workshop**

**Lesson**



**Essential Investigator Skills  
Part 1**

**Lesson**



**Essential Investigator Skills  
Part 2**

**Lesson**



**Fingerprints**

**Lesson**



**Footwear Impressions**

**Lesson**



**DNA**

**Lesson**



**Hair & Fibre**

**Lesson**



**Handwriting**



# Lesson



## Tire Tracks

# Lesson



## Chromatography

# Lesson



## Pre-Field Trip Lesson- Introduction to the Crime

### Breakdown of Unit

This unit is designed to be completed chronologically. Each lesson builds on forensic skills, starting with investigative skills and attitudes, followed by exploring different types of evidence. The lessons lead up to solving a crime, in which all the investigative and evidence-solving skills the students have learned will be put to the test.

#### Blue Section

- The first 9 lessons, labelled in blue, are the essential forensic lessons that cover the Evidence and Investigation curriculum, and directly tie into the crime your students will be solving in the Centre. Each individual lesson is designed to be approx. 30 minutes in length. Please feel free to combine or separate any lessons, to best suite your own schedule and needs of your class.

#### Green Section

- These lessons are supplementary, because the two forensic skills they cover are not included in the crime. However, we encourage teachers to include these lessons in your Evidence and Investigation unit if you wish.

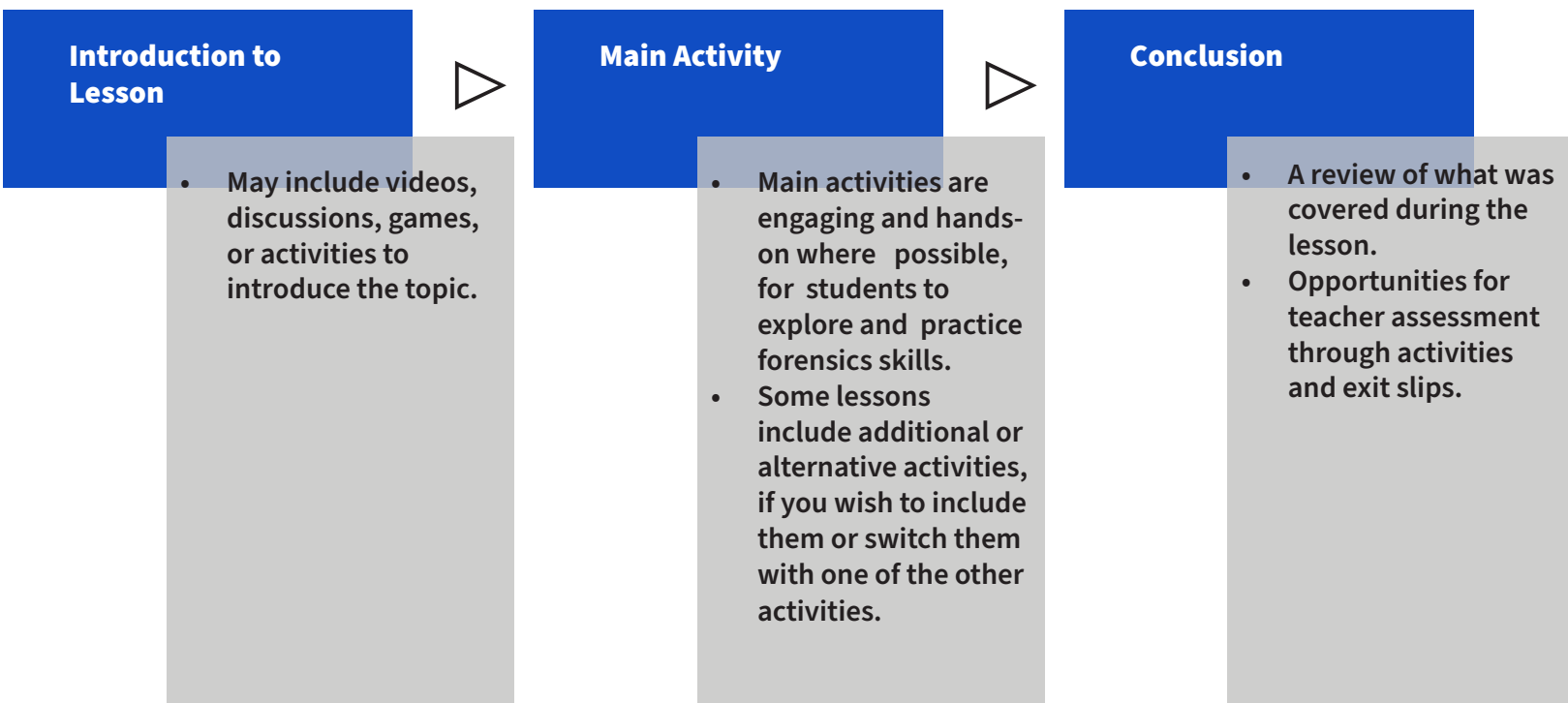
#### Orange Section

- The final lesson is a mandatory pre-lesson to complete before your field trip, to introduce the crime that the students will be solving. If you do not complete the other lessons with your class, please ensure that you complete this one. It is designed to drum up excitement in your class about the crime they will be solving at YouthLink, and shares important initial information that will help to maximize your class's time in the Centre to complete the other activities and programs.



# Structure of Lessons

Each lesson follows a similar structure:



We designed the lessons to be flexible depending on how much time you have, the abilities of your students, or availability of materials. Please customize the lessons to best suit your time, resources, and the needs of your students.

## Explanation of Resources

### Lesson Plans and Supporting Materials

On our website, you will find all lesson plans, links, and resources required for the YouthLink field trip:

[www.youthlinkcalgary.com/field-trip-documents](http://www.youthlinkcalgary.com/field-trip-documents)



## Field Trip Prep

This section of the website contains all of the supporting materials you will need before the field trip, including:

- Name tag templates for your students, and information to access the pre-and post-survey with your class
- A letter to give to parent/guardian chaperones, and an info letter to send home prior to your field trip
- The Detective Notebook- the worksheet your students will be filling out to solve our crime

## Lesson Plans

This section contains each lesson plan, with all of the supporting documents and resources required.



**Note: Some activities may require you to collect and prepare materials ahead of time!**

## Post- Field Trip

This section of the website contains the following:

- PDF copies of our resource cards and Smart Choices Checklist
- Optional post-activities for each of our S4L topics

## The Detective Notebook

- As mentioned above, the Detective Notebook is the worksheet that each student will need to complete the crime at YouthLink. Students will need the detective notebook for mandatory lesson 12, that you will be completing in your classroom before the field trip. Please bring the detective notebooks with you to the field trip as well.
- We have also created a “Teacher’s” version of the notebook that is filled-in and completed for your reference.



**Note: If you are unable to print your detective notebooks at school, please inform us during your field trip pre-call so we know to print them for you. In this event, please ask your students to take notes in a notebook during lesson 12, and bring those notes with them to YouthLink.**

## FAQs

### ***How much time should I plan to deliver this program?***

- This will vary depending on the needs of your class and how much time you have available. The program was designed to be flexible, allowing you to pick and choose from the lesson plans considering abilities and time.

### ***Where do I find the program lesson plans and other resources?***

- [www.youthlinkcalgary.com/field-trip-documents](http://www.youthlinkcalgary.com/field-trip-documents)



### ***When will my pre-call be scheduled?***

- Our booking coordinator will be reaching out to you by e-mail a few weeks prior to your field trip to schedule a pre-call to go over the final details of the field trip. During this call we will confirm your arrival and departure times, student numbers, behavioral and accessibility concerns, and your Safe for Life program choices.

### ***Can I use materials that I have from previous years to prepare for the YouthLink crime?***

- We kindly ask that you do not use materials from previous years to prepare for the crime and field trip. If you have joined us for a field trip in the last few years, we completed a crime with your students based around a car fire. This year, we are excited to be continuing to use a different crime with classes, so any materials you have from previous years for the crime, including the detective notebook, are outdated.

## **Feedback**

We welcome all feedback to keep our programs current and relevant. We kindly ask teachers and parent/guardian chaperones to fill out a program feedback report that you will be given at the end of your field trip. Please feel free to send us an email with additional feedback.

We look forward to hosting you and your class in the upcoming school year. Please do not hesitate to contact us if you have any questions or concerns.

### **Please direct any questions or concerns to:**

#### **Molly McDonald, Program Coordinator**

Phone: 1.403.428.8679

Email: [mmcdonald@calgarypolice.ca](mailto:mmcdonald@calgarypolice.ca)

#### **Breanna Shorter, Bookings and Analytics Coordinator**

Phone: 1.403.428.8397

Email: [bshorter@calgarypolice.ca](mailto:bshorter@calgarypolice.ca)

