

# Source Whisperer

By: Mouse

Duration: 15 minutes

LEVEL	SUBJECTS	PROVINCES / TERRITORIES	TOOL
Grades 4-6, 7-8, 9-12	English Language Arts	Across Canada	Unplugged

## Overview

In this activity, learners compete to sketch the most accurate website by only looking at the website's HTML source code.

*Created by Mouse for Mozilla.*

## Prep Work

### Materials

- "Fido's Been Bad" Source Code (1 per pair): [bit.ly/source-whisperer-printout](http://bit.ly/source-whisperer-printout)
- Paper and pencils
- Printed solution (page 2 of the above printout) or a computer with access to the internet to show the actual website

## Lesson

1. Explain that all websites are designed using code (a language that the computer understands)
2. Give a Source Code sheet to each pair/group

## Key Coding Concepts

Sequence

## Terminology

### Sequence

Identifying a series of steps for a task. Computers and Scratch read and perform commands in order from top to bottom.

### HTML

HTML (hypertext markup language) is a language used for tagging or "marking up" text files to achieve font, color, graphics, videos, and links on webpages.

### CSS

CSS (cascading style sheets) is the visual language used for presentation or styling of a document written in a markup

3. Draw attention to the tags and explain that anything between the <> brackets is code that will not be seen on the actual site. Have them guess what they think each tag will do.
4. Hand out paper and pencils to each pair/group
5. Give them a few minutes to draw their best guess of how the webpage will look
6. Ask for volunteers to show the group their drawing and explain how they interpreted the code
7. Show learners the solution to see how their drawings compare OR open up the original "Fido's Been Bad" webpage if you have access to a computer with internet:  
<https://fidos-been-bad.glitch.me>

## Assessment

### Learning Outcomes

- I can read and interpret basic HTML code.
- I can describe the function of both open tags and closed tags.
- I can describe how HTML code affects the style of a website.

## Extensions

On computers, have learners edit the source whisperer website with the Inspect Element tool in their browser by right clicking > 'Inspect'\*

\*Note: learners will be able to make immediate changes, but these changes will not be saved to the actual website

Challenge learners to recreate the webpage using HTML + CSS (with [glitch.com](https://glitch.com) or another webmaking tool).

language. CSS files are what make the web colourful, patterned, responsive, and cool

### Tag

A tag is a piece of code that specifies how the document or piece of the document should be formatted. Tags have angled brackets, for example <h1> is the top most heading on a webpage.

### References

Original lesson by Mouse  
<http://mouse.org/>

Inspired by Mozilla's Unplugged Icebreaker activities  
<https://learning.mozilla.org/en-US/activities/offline-icebreakers>

Puppy image from Pixabay  
<https://pixabay.com/p-958203>

# FIDO'S BEEN BAD

## SOURCE CODE

```
<h1> Fido's Been Bad </h1>
```

```
<ul>
```

```
  <li> He peed on the carpet! </li>
```

```
  <li> He barked all night. </li>
```

```
  <li> He ate my shoe. </li>
```

```
</ul>
```

```
<p> I'm totally going to send him to
```

```
<a href="http://doggiecentral.ca/"> Dog
```

```
School 101. </a>
```

```
</p>
```

```

```

# SOLUTION

## Fido's Been Bad

- He peed on the carpet!
- He barked all night.
- He ate my shoe.

I'm totally going to send him to [Dog School 101](#).



See this original website here: <https://fidos-been-bad.glitch.me>