



INSTRUCTIONS

READ FIRST. READ CAREFULLY.

COMPONENTS



Instructions
(this document)



Letter /
Progress tracker



Evidence board



Investigation
envelope x3



Answers
envelope



Mysterious
object



Name tags
(put these on)



Achievement stickers
(give to each other)

You provide: **4 small clear cups** (for example: drinking glass, shot glass, plastic cup)

If any component is missing, please contact support at hello@unsolvedscience.ca

OBJECT OF THE GAME

A science mystery awaits! The object of the game is to solve this mystery by performing a series of three major Investigations in order (Investigations 1, 2, and 3).

Throughout your Investigations, you will be asked to answer a variety of questions, some of which will require you to **DIG DEEP** into the science to fully uncover what is going on.

After you have completed all Investigations, you will be presented with one final challenge. If you are successful, the best ending will be revealed to you.

GAME FLOW

- STEP 1** After reading these instructions, begin your scientific endeavour by **reading the letter sent to you by NOSO**.
- STEP 2** **Open the Investigation 1 envelope**. Inside you will find a series of Experiments that must be completed in order.

- STEP 3** Once an Experiment is complete, **go to the Evidence Board and answer the questions** related to that Experiment.
- STEP 4** Once you have **completed all of the Experiments that are part of Investigation 1**, open the **Answers envelope**. Find the card for Investigation 1 and compare your answers to those on the card. Do not go here before you are ready as there are spoilers.
- STEP 5** After completing Investigation 1, **repeat STEPS 1-4 for Investigations 2 and 3**.

DIG DEEP

Some of the questions on the **Evidence Board** ask you to **DIG DEEP**. **Correctly answering these questions is the key to unlocking the best ending.**

Each of the **DIG DEEP** questions is assigned a challenge rating (●), indicating how difficult a particular question should be for you to answer:

- Minimally challenging
- Mildly challenging
- Very challenging

Note: When you first encounter a **DIG DEEP** question, you might not yet have all of the information required to answer it. Come back during later Investigations once you've gathered more information.

ASTROSEARCH

To successfully complete the Investigations and answer the **DIG DEEP** questions, you will not be able to simply rely on the Experiments. You will need to make use of knowledge from various fields of science to understand what the results of the Experiments mean.

We have provided you with a **custom search engine—ASTROSEARCH** (unsolvedscience.ca/astrosearch)—that allows you to search for keywords which will provide you with additional information about what you discover in your Experiments.

Try it now! Search for 1-2 keywords using Astrosearch to answer the following question: *What is the difference between a meteor and meteorite?*



INSTRUCTIONS (CONTINUED)

GAME END

Once you have completed all three Investigations and answered all questions, go online at unsolvedscience.ca/endgame to take part in a final challenge.

How well you do during this final challenge will determine whether or not you unlock the best possible ending.

HELP, I'M NOT A SCIENTIST

We don't expect you to be. Here are some tips:

1. Read everything carefully. The smallest details might prove important.
2. The information provided might seem overwhelming at first. That's ok. Take your time to absorb everything. There is no time limit to completing the Experiments. The game can take you between 1 to 3 hours to complete.
3. You will not be required to find information online unless otherwise directed.
4. On that note, **all the science you need to know is found in the Astrosearch.**

What if I get stuck?

If you are truly stuck, you may consult the **online Hint Guide** at unsolvedscience.ca/case01_hints. Here you will find three levels of hints of increasing spoiler levels for each Experiment.

You can also join the Unsolved Science Discord at discord.gg/hGutqh7PWr to ask the community for help or to see if others have already found the solution to your problem or to complain about the game.

PLAYING ONLINE VIA VIDEO CHAT

Share the link and password below with those who don't have the physical game. They will get access to all the important game documents. You are the only one with the game components so you are in charge of performing the physical experiments and sharing the results. No pressure. Just kidding. Lots of pressure.

Documents: unsolvedscience.ca/case01_docs

Password: SmallGuy

SAFETY INFORMATION

DO NOT EAT OR CONSUME ANY OF THE CHEMICALS.

Safety warnings and instructions for the chemicals, strips, and UV light can be found on their containers or Experiment Cards.

Once you are finished with your Experiments, any liquid solutions can be safely disposed of in the sink. Any physical samples can be safely disposed of in the garbage.

For safety and gameplay reasons, the names of the chemicals indicated on their labels does not reflect their identity. The identity of these chemicals is written below.

The following safety table contains game spoilers. Only read it if necessary.

Experiment E: Metabolism Analysis

Identity of chemical	Name of chemical as used in the game
Universal paper indicator / papier indicateur universel	ATP detection strips
Baking soda / bicarbonate de soude (sodium bicarbonate)	ATP & catalyst mix
Baking soda / bicarbonate de soude (sodium bicarbonate)	Carbon food & catalyst mix
Baking soda / bicarbonate de soude (sodium bicarbonate)	Catalyst (no carbon)

MEDIA CREDITS

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