The Starlight Signal

An observatory offline. A message waiting.

On a clear evening, the Starfall Observatory receives a repeating signal from its remote weather station. Then the receiving console goes dark. The station's six-part recovery sequence is scattered across the observatory's training records. Your team has to restore the console and hear the full message. Each record supplies one digit. No astronomy knowledge is needed: every rule you need is on the page.

YOUR MISSION

Rebuild the six-digit recovery code and receive the missing transmission.

Players	Age guide	Suggested time
1-6, cooperative	12+	About 30-50 minutes

Six puzzles. One final code. Everything you need is in the file.

Difficulty and time are estimates, not timed play-test results. Younger players may enjoy joining an adult. This is a paper puzzle adventure, not a role-playing murder mystery.

Set the table. Open the case.

1. Print
Print this player file single-sided at 100% or "actual size". Use the file matching your paper: US Letter or A4. Black-and-white printing works; no clue depends on colour. You can skip the cover to save ink.

2. Gather
You need a pencil, scrap paper and this player file. A basic calculator is optional. No locks, scissors, envelopes, app or internet connection are needed after downloading.

3. Keep the answers separate
The separate Hints & Answers file contains spoilers. Keep it closed. If everyone wants to solve, one person can open only the hint page for the current puzzle. Each answer is on the following page.

4. Work together
Solve case files 1-6 in order, or split them between teammates. Every puzzle gives one digit. Record the digit in the numbered slot on the final page. Every clue you need is included; do not search online.

5. Open the ending
Once you have all six digits, turn to the final page of Hints & Answers to check your code and read the ending. There is no website lock to open. If the code differs, review the relevant answers.

Make it your night
An optional countdown can add atmosphere. Pause whenever you like. There are no penalties for hints. For more than six players, print a second copy and form two teams.

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The reserve power panel

The console uses weighted switches. A switch contributes its printed value only when it is ON.

Your task: Add the values of the ON switches. That total is the first recovery digit.

Switch value	State
8	OFF
4	ON
2	ON
1	ON

The switches are labelled with words, so this puzzle works in black and white. An OFF switch contributes zero.

Working: _____

Digit for slot 1: _____