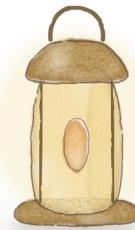


Piano Note Detective

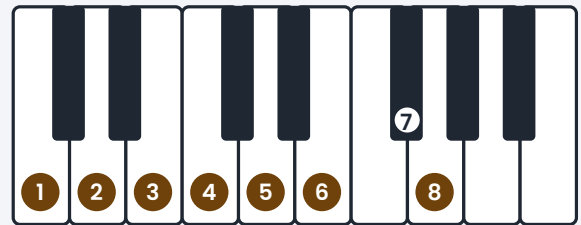
First Scales: C, G & F

Eight notes, one pattern: whole, whole, half, whole, whole, whole, half. Build the C major scale, find the sharp G major needs and the flat F major needs, then read G major on the treble staff and F major on the bass staff.



IN THIS FREE SAMPLE

- Case 1: the scale ladder
- Steps of the C major scale
- Fill in missing scale notes
- Answers with reasons



G major: key 7 is F sharp, so the steps stay whole, whole, half, whole, whole, whole, half.

1 Start on the first note

2 Use every letter once

3 Check the steps

4 Play with your teacher's fingering

Digital download · Print at 100% on US Letter · For students who know half and whole steps and five-finger patterns · Five sittings of about 15 minutes · With a piano and a teacher for fingering

How the case file works

Five cases, about 15 minutes each.

For a student who knows half and whole steps and has played major five-finger patterns. A major scale goes from one note to the same letter an octave higher, using every letter once, with the steps whole, whole, half, whole, whole, whole, half. C major needs no sharps or flats; G major needs F sharp; F major needs B flat.

EACH CASE

The story	Read it aloud together. It says what the detective is looking for.
Learn	The rule for this case, with a picture. Point at it while you read it.
Tasks	Short tasks that use the rule. Each one has a single right answer (except play tasks).
Clue	The last task gives a clue for the final question.

YOU NEED

- A pencil
- A piano or keyboard
- The student's teacher, for the fingering in Case 5

GOOD TO KNOW

- Say the letters first, then fix the steps with a sharp or a flat.
- The half steps come between notes 3 and 4 and between notes 7 and 8.
- Fingering: use the one your teacher gives you. Hands are different, and teachers choose for a reason.

NOT A METHOD BOOK

Theory and keyboard practice for students, not piano lessons. No fingering is printed for full scales: the teacher assigns it.

Case 1: The Scale Ladder

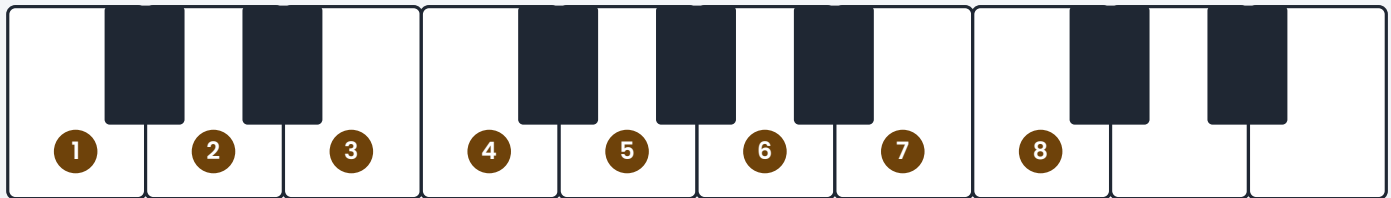
The major scale: whole, whole, half, whole, whole, whole, half

THE STORY

The school's old music room has a ladder of eight brass bells, one for each note of a scale. Someone has mixed them up. Rebuild three scales to find the bell-ringer's secret word.

LEARN

- A major scale climbs eight notes, from one letter to the same letter an octave higher.
- Its steps go whole, whole, half, whole, whole, whole, half.
- C major uses only white keys: the half steps fall on E-F and B-C.



C major: half steps between keys 3 and 4 and between keys 7 and 8.

1 Write W or H in each box between the notes of the C major scale.

C	D	E	F	G	A	B	C

2 Fill in the missing notes of the C major scale.

C		E		G			C
1	2	3	4	5	6	7	8

Case 1: The Scale Ladder (continued)

3 Choose the best answer.

1. Where are the half steps in every major scale?

- ☐ S Between notes 3-4 and 7-8
- ☐ T Between notes 1-2 and 5-6
- ☐ P There are none

CLUE 1



The first letter of the secret word is the letter of your answer to task 3.

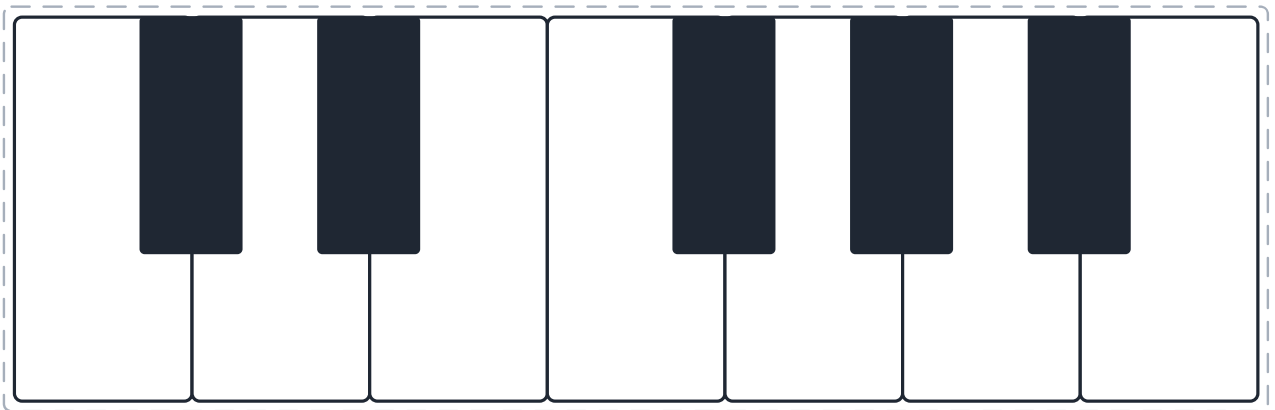
Clue:

Copy it onto the answer line of the final question.

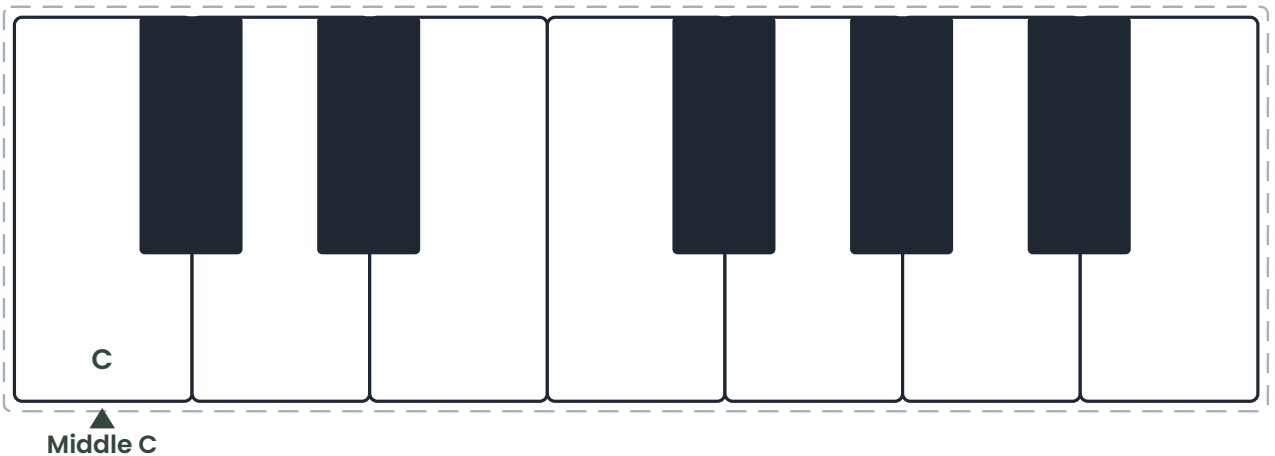
Paper keyboard

Cut out the rows and tape them in order, low to high. White keys are about as wide as a real piano's.

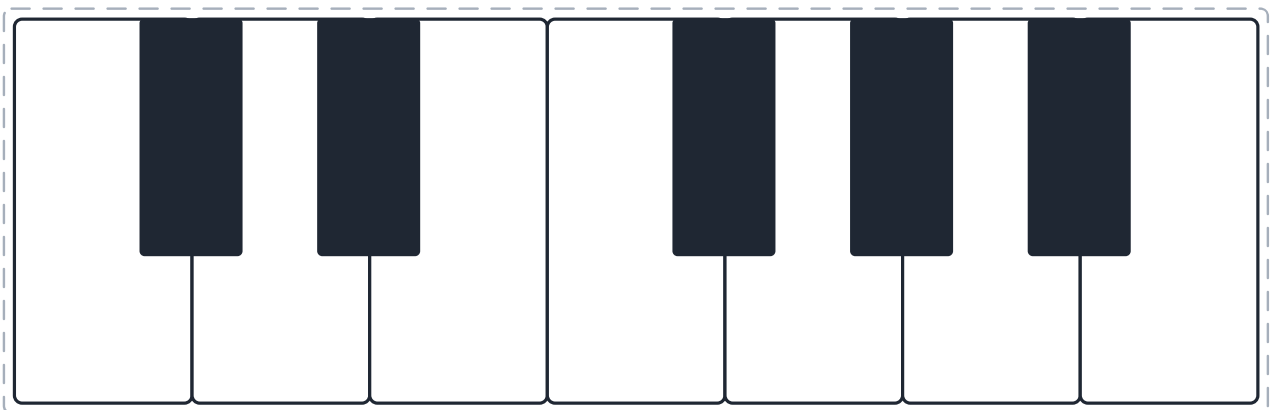
Low



Middle



High



Only Middle C is labeled: finding the other keys is the detective's job. Tape the rows edge to edge (low on the left) to make one long keyboard.

Case 1 answers

Every answer comes with its reason. Read the reasons aloud: they teach.

CASE 1 · THE SCALE LADDER

Task 1

PND35-C1-T1

1 W · 2 W · 3 H · 4 W · 5 W · 6 W · 7 H

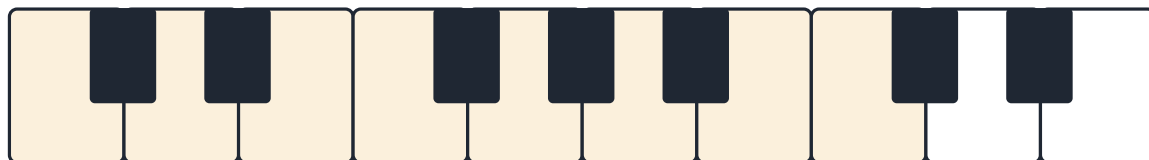
C to D: one key between, a whole step; D to E: one key between, a whole step; E to F: the very next key, a half step; F to G: one key between, a whole step; G to A: one key between, a whole step; A to B: one key between, a whole step; B to C: the very next key, a half step.

Task 2

PND35-C1-T2

C [D] E [F] G [A] [B] C

C major scale: W W H W W W H. Every letter is used once, in order. Half steps here: E-F and B-C.



Task 3

PND35-C1-T3

1 S: Between notes 3-4 and 7-8

The pattern is W W H W W W H: the halves are the 3rd and 7th steps.

Clue 1

S (the answer to item 1 of task 3)

THE FULL CASE FILE

The full First Scales: C, G & F has four more cases: G major's sharp, F major's flat, scales on the staff and playing with your teacher's fingering, with explorer cards, a notebook, the final question, hints and a certificate.