

THEORY TOOL BOX: Say, Play, Spell and Notate

UNIT 2
Half Steps, Accidentals & Enharmonics, Whole Steps

KEYBOARD GEOGRAPHY

Half Steps, Accidentals and Enharmonics

DAILY DRILLS

Set 1
Half Step Up = Sharp ♯

Play C half step up.
Play D half step up.
Play E half step up.
Play F half step up.
Play G half step up.
Play A half step up.
Play B half step up.

Set 2
Half Step Down = Flat ♭

Play C half step down.
Play B half step down.
Play A half step down.
Play G half step down.
Play F half step down.
Play E half step down.
Play D half step down.

Set 3
Sharps and Flats

Play D♯ C-sharp going up.
Play E♭ D-flat going down.
Play F♯ E-sharp going up.
Play G♭ F-flat going down.
Play A♯ G-sharp going up.
Play B♭ A-flat going down.
Play C♯ B-sharp going up.
Play D♭ C-flat going down.
Play E♯ D-sharp going up.
Play F♭ E-flat going down.

Set 4
Enharmonic Equals

The same note can have two names. D♯ and E♭ are the same or sharp. They are enharmonic equals.

Say and play the enharmonic equal to D-sharp.
Say and play the enharmonic equal to E-flat.
Say and play the enharmonic equal to F-sharp.
Say and play the enharmonic equal to G-flat.
Say and play the enharmonic equal to A-sharp.
Say and play the enharmonic equal to B-flat.
Say and play the enharmonic equal to C-sharp.
Say and play the enharmonic equal to D-flat.
Say and play the enharmonic equal to E-sharp.
Say and play the enharmonic equal to F-flat.
Say and play the enharmonic equal to G-sharp.
Say and play the enharmonic equal to A-flat.
Say and play the enharmonic equal to B-sharp.
Say and play the enharmonic equal to C-flat.

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UNIT 2
Half Steps, Accidentals & Enharmonics, Whole Steps

Alphabet Theory

Enharmonic Equals

Write the enharmonic equal

C[♯] = B[♭] = B = D[♭] =

F[♯] = E[♭] = E = G[♭] =

D[♯] = C[♭] = C = A[♭] =

E = A[♯] = G[♯] = F =

G[♯] = B[♯] =

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UNIT 2
Think Think

ENHARMONIC EQUALS 2

Write the enharmonic equal

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UNIT 1
Pentatonic

MAJOR PENTASCALÉ HANDS

Tonic Whole Half * Whole

1. The first note is the Tonic.
2. The second note is a whole step above the Tonic.
3. The third note is a half step above the second note.
4. The fourth note is a whole step above the third note.
5. The fifth note is a whole step above the fourth note.

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UNIT 4
Tonal Scales and Major Scales

TETRACHORDS and MAJOR SCALES

A TETRACHORD is a group of four notes forming a pattern of whole steps and half steps.

The pattern for a Major tetrachord is TONIC - WHOLE STEP - WHOLE STEP - HALF STEP (T W W H).

TETRACHORD TRAIN

Two Tetrachords joined together make a MAJOR SCALE.
The first tetrachord is called the Tonic Tetrachord.
The second tetrachord is called the Dominant Tetrachord.
The two tetrachords are joined by a whole step.

Tonic Whole Whole Flat Dominant Whole Whole Half

C Major Scale

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UNIT 4
Tonal Scales and Major Scales

Major Pentascale Patterns Map: Group 3

Place stickers on the correct keys.

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UNIT 4
Think and Think

KEYBOARD GEOGRAPHY

Triads: Major and Minor

Major Triads: MAJOR 3rd + minor 3rd
Minor Triads: minor 3rd + MAJOR 3rd

Daily Drills

Major Triads: 4 + 3 4 half steps + 3 half steps	Minor Triads: 3 + 4 3 half steps + 4 half steps
Spell and Play a C Major Triad. Spell and Play a G Major Triad. Spell and Play an F Major Triad.	Spell and Play a C Minor Triad. Spell and Play a G Minor Triad. Spell and Play an F Minor Triad.
Spell and Play a D Major Triad. Spell and Play an A Major Triad. Spell and Play an E Major Triad.	Spell and Play a D Minor Triad. Spell and Play an A Minor Triad. Spell and Play an E Minor Triad.
Spell and Play a D-sharp Major Triad. Spell and Play a C-sharp Major Triad. Spell and Play an A-sharp Major Triad. Spell and Play an E-sharp Major Triad.	Spell and Play a D-flat Minor Triad. Spell and Play a C-flat Minor Triad. Spell and Play an A-flat Minor Triad. Spell and Play an E-flat Minor Triad.
Spell and Play a B-flat Major Triad. Spell and Play an F-sharp Major Triad. Spell and Play an G-flat Major Triad. Spell and Play a B Major Triad.	Spell and Play a B-flat Minor Triad. Spell and Play an F-sharp Minor Triad. Spell and Play an G-flat Minor Triad. Spell and Play a B Minor Triad.

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UNIT 4
Think Think

Alphabet Theory

Minor Triads

Minor 3rd (three half steps) + Major 3rd (four half steps)
3 + 4

Spell the Minor Triads

- Write letter skips.
- Count the half steps.

C Minor	C	E	G	G Minor
F Minor				D Minor
A Minor				E Minor
D-flat Minor				A-flat Minor
C-sharp Minor				F-sharp Minor
E-flat Minor				G-flat Minor
B Minor				B-flat Minor
C Minor				

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UNIT 3
Triads

MAJOR TRIADS

Major 3rd + minor 3rd = 4 + 3

NOTATE A BROKEN MAJOR TRIAD ABOVE THE ROOT

- Notate the root note (the note that the triad is based on).
- Count 4 half steps above the root for a Major 3rd and write the accidental if necessary.
- Count 3 half steps above the Major 3rd and write the accidental if necessary.

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UNIT 4
Tonal Scales and Major Scales

Alphabet Theory

Pentascales ▶ Tetrachords ▶ Scales

The Tetrachord that starts on the first note of a Major Pentascale is called the Tonic Tetrachord.
The Tetrachord that starts on the fifth note of a Major Pentascale is called the Dominant Tetrachord.

C Major Pentascale

Tonic Tetrachord Dominant Tetrachord

Whole Whole Half Whole Whole Half

C d e f G a b c

↓

The Tonic Tetrachord joined to the Dominant Tetrachord is called a MAJOR SCALE.
There are eight tones in a major scale.

A Whole Step connects the Tonic and the Dominant Tetrachords.

C Major Scale

Whole Step Connects

C d e f G a b C

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UNIT 1
Composition - Interval

Theory Tool Box

Teacher Training Chart

UNIT 1: Composition - Interval

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UNIT 4
Triads

MAJOR THIRDS

Review

Notate Major Thirds BELOW the given note

Notate Major Thirds ABOVE the given note

Play these pairs of intervals. Use a star to connect all Major Thirds.

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