

Open Educational Resources

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Description: An open educational resource (OER) movement has increased the availability of free, comprehensive, high-quality materials, including textbooks and workbooks for the music classroom. Richmond will discuss sources, how to locate materials, criteria for evaluating them, and commonly available music appreciation and theory materials, including OER materials he developed.

Music Theory: A Thorough and Fast-Paced Review

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Music Theory: A Thorough and Fast-Paced Review of Theory I, II, III, and IV

<https://musictheory.tech>

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[Download pdf](#): click or right-click

[Video description](#)

This book provides a fast-paced review of music theory from the fundamentals of diatonic harmony through advanced chromatic harmony and into post-tonal and contemporary music including jazz and popular music.

The videos below entitled "A Music Theory Minute" explain concepts from the book and correlate with each section.

The section below entitled "Theory Practice Activities" contains practice and assessment activities from musictheory.net, teoria.com, rhythmrandomizer.com, and floydrichmond.com/usetech/musicalflashcards/ which correlate with the book.

The book is free for use in educational settings as long as all terms and conditions found on the first page are observed. All versions must be free, copyright notices may not be removed, terms of distribution may not be changed, etc. See the book for more details.

Additional music theory resources are found further below.

This YouTube video has a fast-paced review of the most basic fundamentals of music: [Music Theory in 16 Minutes](#)

A Music Theory Minute

by Floyd Richmond

A review of essential topics in music theory which correlate with the book.
These videos review theory from the most basic to advanced concepts.

- 1:42 A Basic Role of Music Notation - <https://youtu.be/-MNPmZ04A1c>
- 0:47 Ledger Lines - <https://youtu.be/9ShnLDMRO44>
- 1:27 Note Names - <https://youtu.be/0Jn6BOouRGE>
- 2:11 Accidentals - <https://youtu.be/8czFQIX8r7Q>
- 1:23 Octave Numbers - <https://youtu.be/ledPCZ-kENY>
- 1:29 Major Scales - <https://youtu.be/MZh3XuY2nOI>
- 2:07 Key Signatures - <https://youtu.be/IUCkAsOw0o>
- 0:59 Tonality - <https://youtu.be/1hGo8xXJN-M>
- 1:14 Introduction to Minor Scales - <https://youtu.be/0HOg9Lg3tQ>
- 4:05 Constructing Minor Scales - <https://youtu.be/5xlpMMZpCWo>
- 1:01 Relative Keys - <https://youtu.be/mjsL6VXIakU>
- 3:27 Modes and Scales - <https://youtu.be/kyQMeq2i9tc>
- 6:15 Intervals - https://youtu.be/LOyAuo_EWVA
- 1:26 Inverting Intervals - <https://youtu.be/L4uo40WGuUQ>
- 1:16 Scale Degrees - https://youtu.be/G_IXORG4fLU
- 2:38 Triads - <https://youtu.be/ICEdD9w7A4s>
- 2:08 Chord Symbols - <https://youtu.be/6VbycYPiiDE>
- 3:28 Triad Inversions - <https://youtu.be/awKbEh3HWbU>
- 1:29 Chord Progressions - <https://youtu.be/bkqaSMS7J20>
- 0:59 Chord Substitutions - <https://youtu.be/MSV4B8jjCVQ>
- 1:34 More Chord Progressions - <https://youtu.be/0Of2aPthHe0>
- 2:35 Writing Music - <https://youtu.be/WPc-dwnN9rM>
- 3:00 Two, three, and four voice harmony - <https://youtu.be/BPxU7irxXiA>
- 2:04 Voice Leading - <https://youtu.be/-SJrq9Kppns>
- 1:56 Resolving Chords - <https://youtu.be/6aMlbPo72bQ>
- 1:49 Non-Chord Tones - <https://youtu.be/FdQAjzIWvul>
- 2:24 Cadences - <https://youtu.be/zjSr4hHKlwk>
- 1:23 Phrases and Periods - https://youtu.be/DNOo1zr_Kg4
- 2:17 Seventh Chords - <https://youtu.be/5WGoLrhAZGg>
- 3:46 Seventh Chord Inversions - https://youtu.be/YG-IWE1a_oY
- 3:20 Secondary Dominants - <https://youtu.be/AunDTXoNjil>
- 3:38 Modulations - <https://youtu.be/xTckcleXZvw>
- 2:06 Borrowed Chords - <https://youtu.be/kMHkTfqrFto>
- 3:58 Predominant Chords - <https://youtu.be/tzB6eEfACz0>
- 3:44 Late Romantic And Impressionistic Harmony - https://youtu.be/b0Lx_mNdXRc
- 3:54 Music History - <https://youtu.be/J3oeWplcZI0>
- 1:31 Instruments of the Orchestra - <https://youtu.be/QOH0olQUy54>

Theory Practice Activities and Assessments

assembled by Floyd Richmond

Assessment activities of essential topics in music theory which correlate with the book.

The following activities are from musictheory.net, teoria.com, <https://www.rhythmrandomizer.com/>, and [Floyd Richmond UseTech Musical FlashCards](#)

Follow these instructions to save your score.

To complete musictheory.net activities, click the link shown.

- Click the *start challenge*
- When done answering questions, you'll get a score report.
- On that report, click the *view report*
- Type your name and click the *sign report*
- Copy the link and submit it to your teacher to record your grade.

To complete teoria.com activities, click the link shown.

- Click the link shown. Sign-in. Answer questions.
- Click *End and See Score*. Screen capture the score and submit to your teacher.
- (If you don't have an account, Go to this [page](#). Enter your email. Click / *don't have a password*. Create account.)

To complete rhythmrandomizer.com activities, click the link shown.

Have a friend grade you as shown and submit your grade to your teacher.

To complete UseTech Musical FlashCards activities, click the link shown.

Complete the on-screen activity and print/save the score report. Submit your grade to your teacher.

Notes, Staves, Clefs

musictheory.net

[Identify 10 notes](#) on the treble clef.

[Identify 10 notes](#) on the bass clef.

[Identify 10 notes](#) on the alto clef.

[Identify 10 notes](#) on the tenor clef.

[Identify 10 notes](#) on a keyboard.

[Identify 20 notes](#) on the treble, bass, alto and tenor clefs with ledger lines.

[Place 10 notes](#) on the treble clef staff.

[Place 10 notes](#) on the bass clef staff.

[Place 10 notes](#) on the alto clef staff.

[Place 10 notes](#) on the tenor clef staff.

[Place 10 notes](#) on a keyboard.

[Place 20 notes](#) on the treble, bass, alto and tenor clefs with ledger lines

Notes, Staves, Clefs

<https://www.floydritchmond.com/usetech/musicalflashcards/>

[Identify 13 notes](#) on the treble clef.

[Identify 13 notes](#) on the bass clef.

[Identify 13 notes](#) on the alto clef.

[Identify 13 notes](#) on the tenor clef.

Rhythms

<https://www.rhythmrandomizer.com/>

Click the link below. Click *New Rhythm*. Click *Start Playback*. Clap the rhythm. Have a friend grade you: (1 error = A, 2 = B, 3 = C, etc.). If you do multiple problems, times that number of problems (example – do 5 problems A= 5 or less = 8, 10 or less = B, etc.) Submit your grade to your teacher. All problems have a 4 beat count-off.

[Level 1](#) – 4/4 (Q, QR, EE, E.S) Q=96 (2 bars)

[Level 2](#) – 4/4 (Add: SSSS, SSE, ESS, SES, TTT) Q=88 (2 bars)

[Level 3](#) – 4/4 (Add: Dotted Note Combinations) Q = 88 (2 bars)

[Level 4](#) – 4/4 (Add: Eight Rest Combinations and EQE) Q = 80 (2 bars)

[Level 5](#) – 4/4 (Add: Quarter and eighth tuplets) Q = 80 (2 bars)

[Level 6](#) – 4/4 (Most everything reasonable) Q = 80 (4 bars)

[Level 7](#) – 6/8 (Basic 6/8 rhythms) Q = 88 (4 bars)

[Level 8](#) – 6/8 (Add: SE combinations) Q = 72 (4 bars)

[Level 9](#) – 6/8 (Add duplets and other SE combinations) Q = 72 (4 bars)

[Level 10](#) – 6/8 (Most everything reasonable) Q = 72 (4 bars)

Key Signatures

musictheory.net

[Identify 10 - major key signatures.](#)

[Identify 15 - number of sharps and flats - major.](#)

[Identify 10 – minor key signatures](#)

[Identify 15 – number of sharps and flats – minor](#)

[Identify 15 – major or minor key signatures](#)

[Identify 15 – number of sharps and flats – major or minor](#)

Key Signatures

<https://www.floydritchmond.com/usetech/musicalflashcards/>

[Identify 15 - major key signatures.](#)

[Identify 15 – minor key signatures](#)

[Identify 30 – major and minor key signatures](#)

Key Signatures

teoria.com

[Identify 15 major key signatures](#)

[Identify 15 major and minor key signatures](#)

Scales

musictheory.net

[Identify 10 Mm scales.](#)

[Identify 10 modes](#)

[Listen and identify 10 Mm scales.](#)

[Listen and identify 10 modes.](#)

[Construct 10 Mm scales](#)

[Construct 10 modes.](#)

Intervals

musictheory.net

(Intervals – No Quality)	Major and Perfect Intervals	Maj, Min, Dim, Aug
Identify 15	Identify 15	Identify 15
Construct 10	Construct 10 Staff	Construct 10 Staff
	Identify 10 Keyboard	Identify 10 Keyboard
	Listen and identify 10 Staff	Listen and identify 10 Staff

Chords

musictheory.net

Identify 10 Chords Mm^o+	Listen and Identify 10 Mm^o+	Build 10 Chords Mm^o+
with inversions	with inversions	with inversions

Seventh Chords

musictheory.net

Identify 10 Seventh Chords, with inversions	Listen and Identify 10, with inversions	Build 10 Chords, with inversions
	Only M7, Mm7, m7 Only [♯]E7, ^o7	

Check out these additional sites of interest:

Theory Practice Sites

At musictheory.net, you can find tutorials and practice quizzes on numerous topics in diatonic and chromatic theory. There are also ear training activities.

At teoria.com, you can find tutorials and practice quizzes on numerous topics in diatonic and chromatic theory. There are also ear training activities.

Other Resources by Floyd Richmond>

[Free Saxophone Fingering Program](#)

[Javascript Quiz Templates - for those wising to create their own interactive online materials.](#)