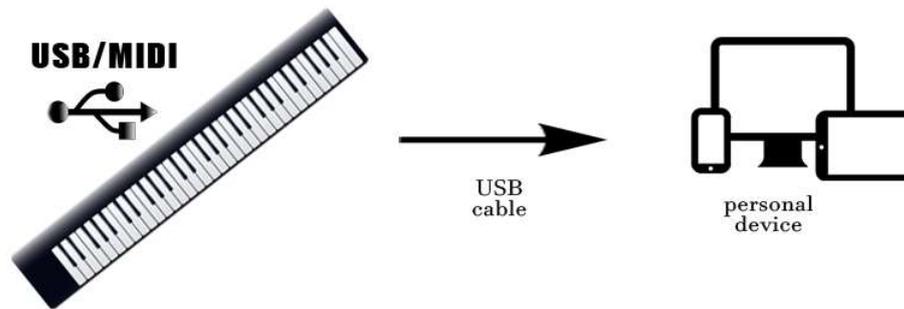GROW YOUR POTENTIAL

PIANO
TREE

MIDI

CONECTIONS

MIDI Connection: MIDI Controller/PC, Tablet or iPad

Prerequisites

- MIDI controller with USB or MIDI connection
- PC, tablet or iPad with compatible operating system
- USB cable or MIDI-USB adapter (if necessary)

Connecting the MIDI Controller

1. USB Connection
(If you are going to use a USB connection, check the input and output type on your MIDI controller or digital piano and your computer or device.)

- Connect the MIDI controller to the PC, tablet or iPad using a USB cable.
- The operating system should recognize the device automatically.

2. MIDI Connection
- Connect the MIDI controller to the PC, tablet or iPad using a MIDI-USB cable or adapter.
- Configure the operating system to recognize the MIDI device.
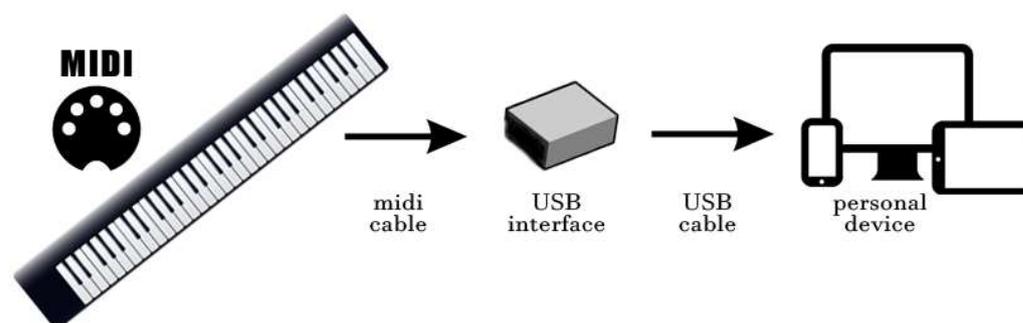
PIANO TREE

USER MANUAL

Piano Tree User Manual

Welcome to **Piano Tree**! This guide will help you get started and make the most of your piano learning journey.

Table of Contents

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1. Create an Account

Creating an account saves your progress across devices.

1. Open Piano Tree and choose a sign-up method: **Google**, **Apple**, or **Email & Password**
2. For email sign-up, enter your email and create a password, then confirm via the link sent to your inbox
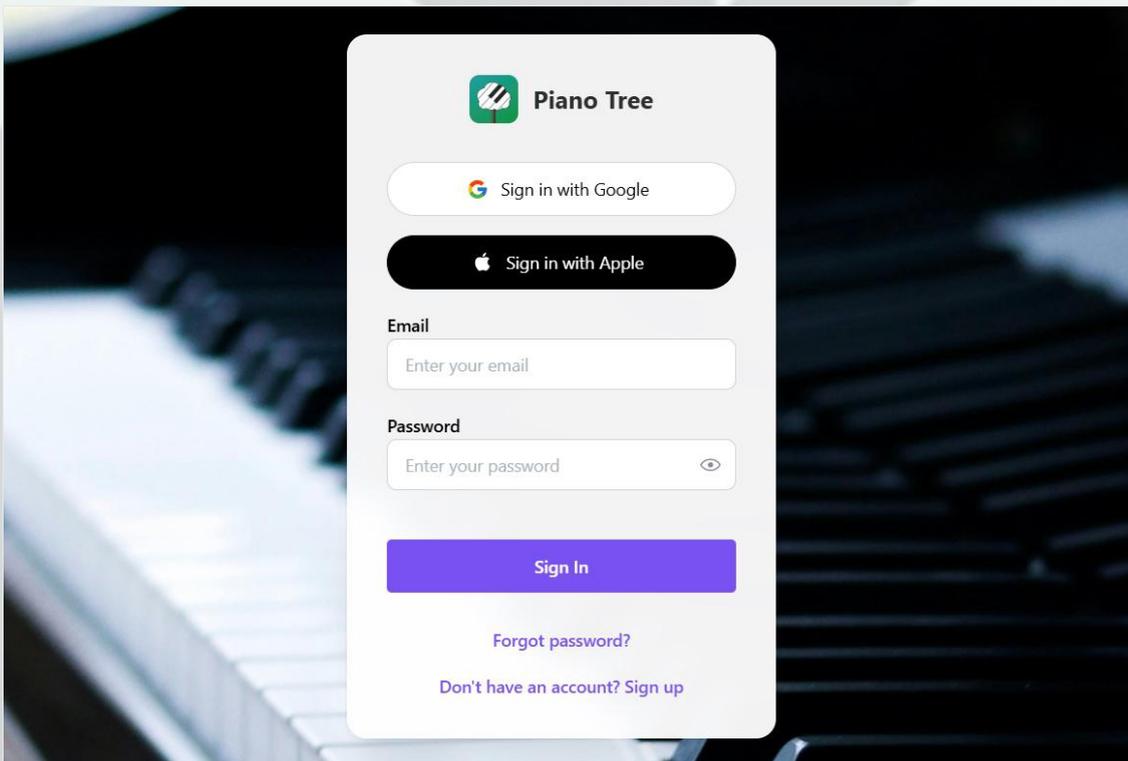

2. Set Up Your Audio Input

Piano Tree supports two audio input methods: **MIDI keyboard** and **Microphone**. You can switch between them at any time in Settings.

Choosing Your Input Method

Go to **Settings** → **Audio Input** and select:

- **MIDI** - For digital keyboards and controllers (most accurate)
- **MIC** - For acoustic pianos and other instruments (Beta)
- **None** - Play along without note detection

You can switch between MIDI and Microphone at any time depending on your setup!
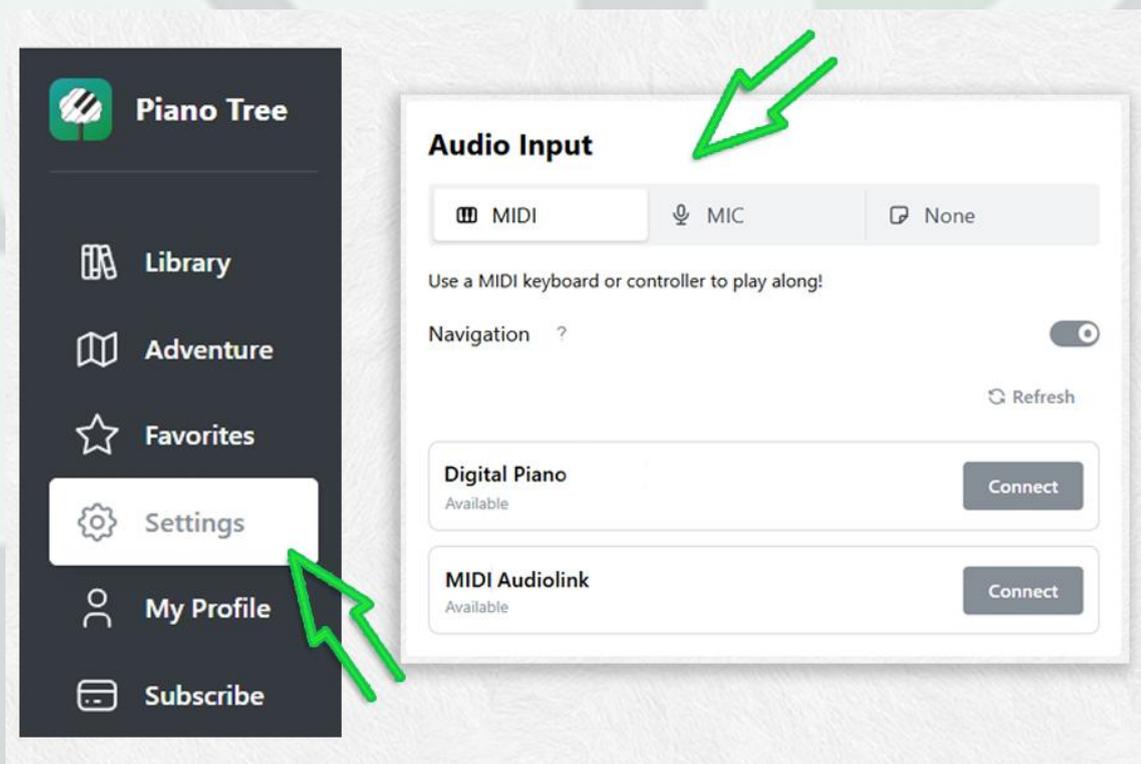
Option A: MIDI Keyboard Setup

A MIDI keyboard provides the most accurate note detection and the best practice experience.

Supported Connections

- **USB MIDI** - Most reliable, works on all platforms
- **Bluetooth MIDI** - Available on iOS devices
- **Web MIDI** - Supported in Chrome, Edge, and other Chromium browsers

Steps to Connect

1. Go to **Settings** → **Audio Input**

2. Select **MIDI** as your input type

3. Connect your MIDI keyboard:

   - **USB**: Connect via USB cable to your device
   - **Bluetooth (iOS)**: Click "Bluetooth MIDI" and select your device

4. Your keyboard should appear in the **MIDI Devices** list

5. Click **Connect** next to your device

6. The status will change to **Connected** ✓
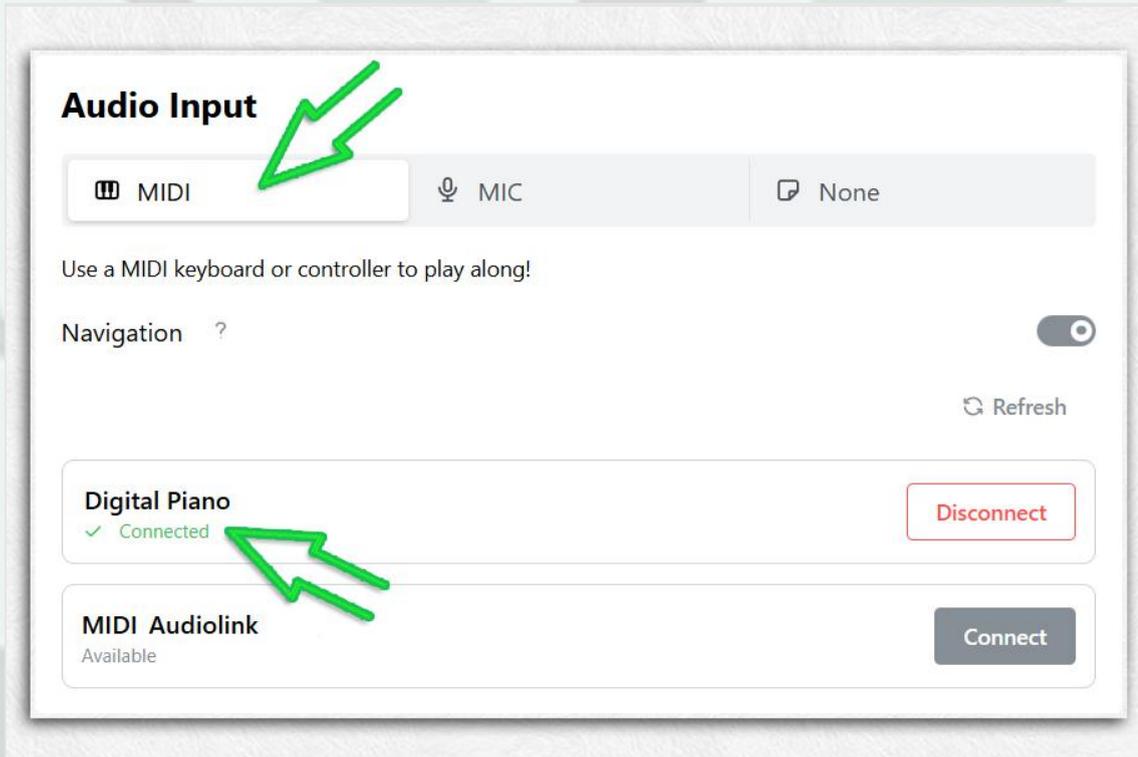
Troubleshooting

Issue	Solution
No devices found	Click "Refresh" to scan again
Device not connecting	Click "Disconnect" then "Connect" again
Still not working	Unplug and reconnect the USB cable, ensure keyboard is powered on

On-Screen Keyboard

If you don't have a MIDI keyboard:

1. In Settings → Audio Input, enable **"Show on-screen keyboard"**
2. Choose the number of octaves (1-4)
3. Use your mouse/touch to play notes during practice
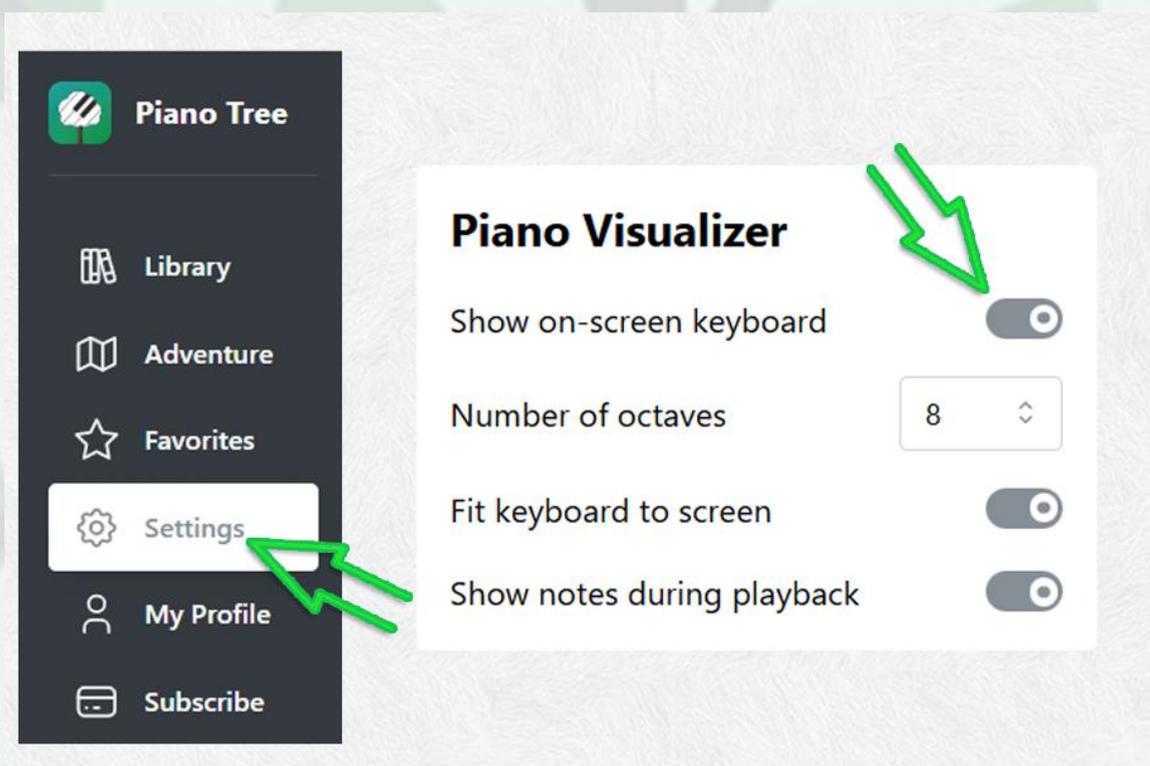
> [!IMPORTANT] For the best learning experience, we highly recommend using a physical MIDI keyboard. The on-screen keyboard is great for quick reference but limited for actual practice.

MIDI Navigation

Enable **"Navigation"** in the MIDI settings to:

- Press **Middle C (C4)** to start a song
- Press **Middle C** to "Try Again" on the completion screen
- Press **D4** to go to the next song

Option B: Microphone Setup

Use your acoustic piano or any instrument with microphone detection (currently in Beta).

Before You Begin

> [!WARNING] Microphone detection works best with the backing track muted, as external audio can interfere with note detection.

Steps to Connect

1. Go to **Settings → Audio Input**
2. Select **MIC** as your input type
3. Grant microphone permission when prompted
4. For best results, place your microphone close to your instrument

Calibrating Microphone Latency

To ensure accurate note detection timing:

1. In Settings → **Timing Settings** → **Microphone Latency**
2. Place your microphone near your speakers
3. Click **"Calibrate microphone"**
4. The app will play a beep and measure the delay
5. Your latency offset will be automatically adjusted

Tips for Better Accuracy

- Play in a **quiet environment**
- Use **headphones** or **mute the speakers** during play
- Position the microphone **close to your piano**
- Avoid rooms with lots of echo

[!NOTE] Microphone input is in beta and may not be as accurate as MIDI. For the most reliable note detection, consider using a MIDI connection.

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3. Library Mode

The Library is your gateway to hundreds of piano pieces organized by difficulty and genre.

Navigating the Library

1. Tap the **Library** tab in the navigation bar
2. Browse through **Series** (collections) and **Books** (sub-collections)
3. Use the **Search bar** to find specific songs, composers, or series
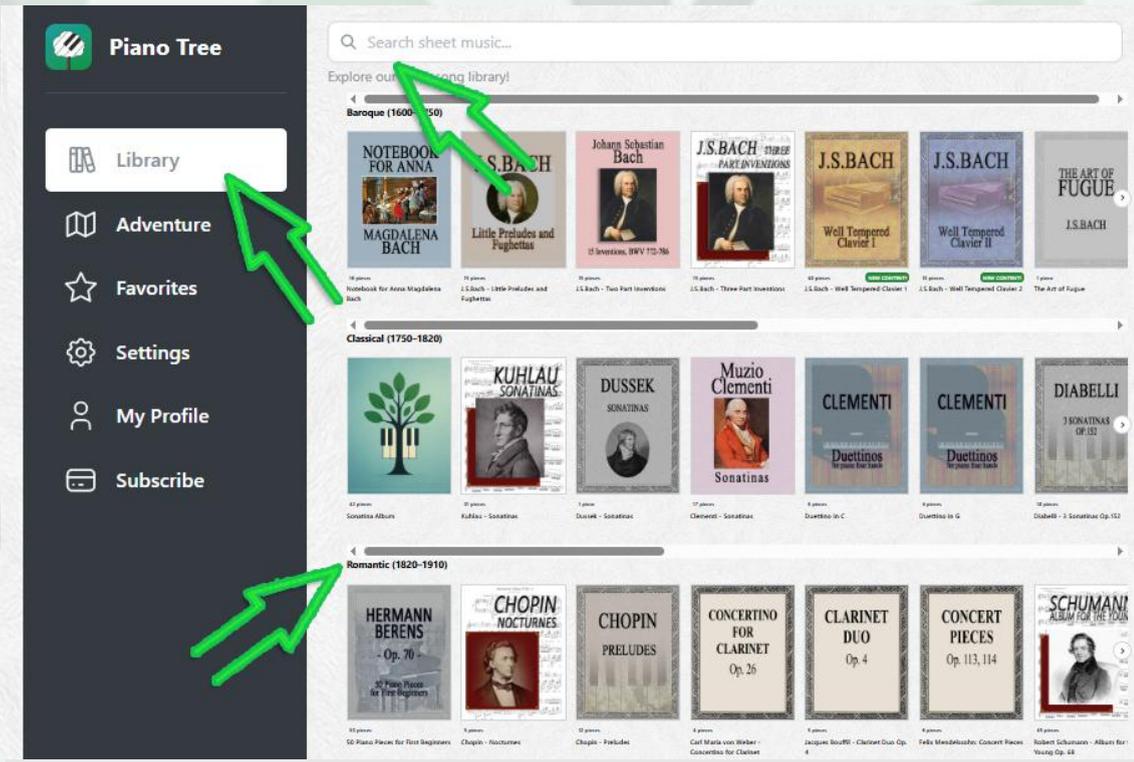
Understanding the Organization

```
📚 Series (e.g., "Classical Collection")
   └── 📖 Books (e.g., "Beethoven Sonatas")
        └── 🎵 Songs (e.g., "Moonlight Sonata")
```

Playing a Song

1. Find a song you want to learn
2. Tap on the song to open it
3. Choose your mode:
   - **Play Mode** - Listen along and follow the sheet music
   - **Practice Mode** - The music waits for you to play each note correctly
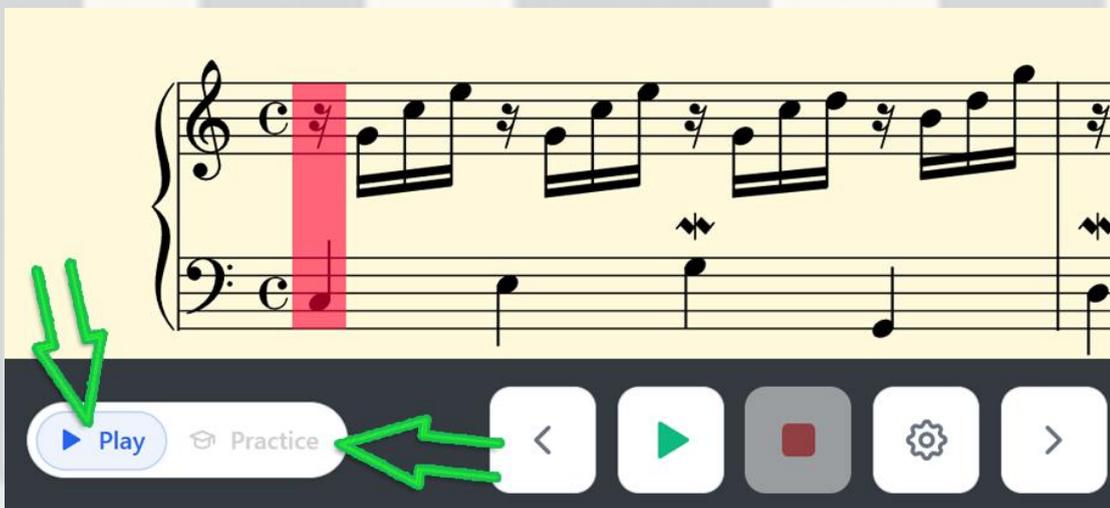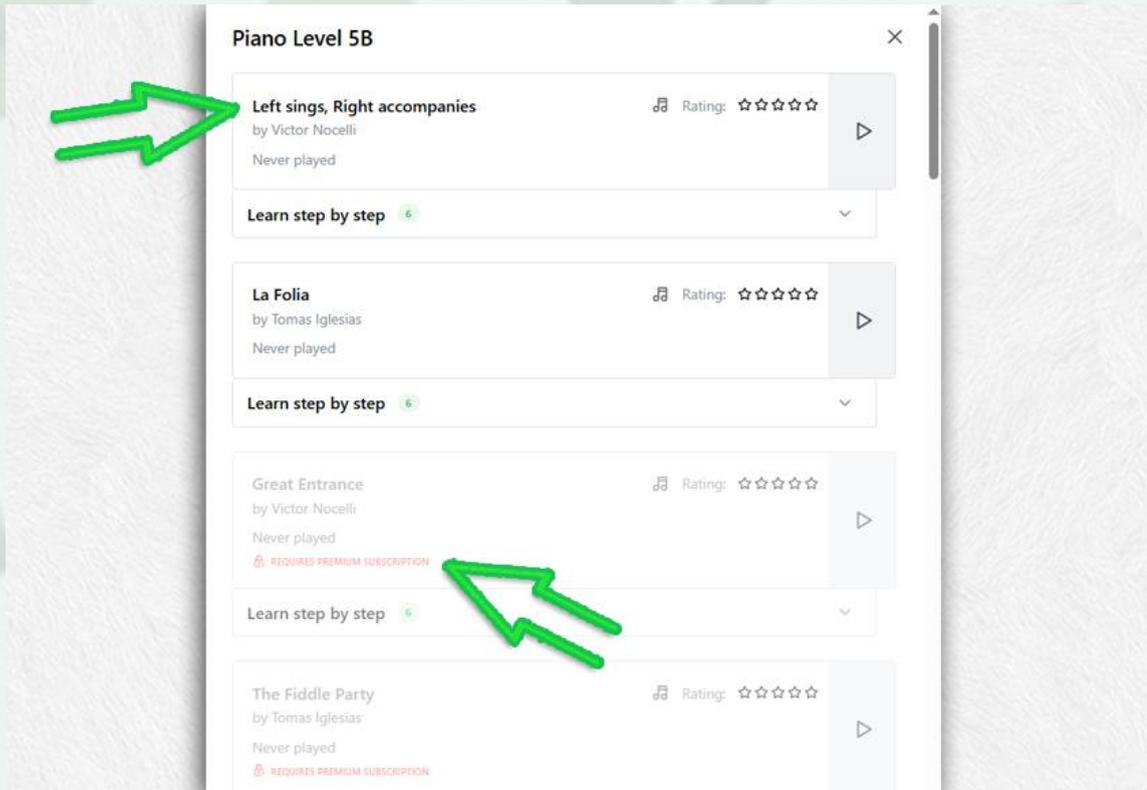
Song Features

- **Learning Modules** - Step-by-step lessons for complex pieces
- **Measure Presets** - Practice specific sections at reduced tempo
- **Hand Mode** - Practice left hand, right hand, or both
- **Tempo Control** - Slow down or speed up the piece
- **Loop Mode** - Repeat specific measures until mastered

Premium Content

Some songs are marked with a lock icon 🔒 and require a Premium subscription. Free users have access to a generous selection of songs to get started!

Favorites

To add a book to your favorites:

1. Find a book you love
2. Tap the **bookmark icon** 🔖
3. Access your favorites from the **Home** screen under "My Favorite Books"

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4. Adventure Mode

Adventure Mode gamifies your learning with structured levels, rewards, and progression. It's the **ideal starting point for beginners** looking for a guided learning path!

Getting Started

1. Tap the **Adventure** tab in the navigation
2. On your first visit, a tutorial will guide you through the basics
3. Start from **World 1** and progress through the worlds

Adventure Mode follows a **gradual difficulty curve** from complete beginner up to lower-intermediate level. Each world builds on the skills from the previous one – just start at the beginning and work your way through!
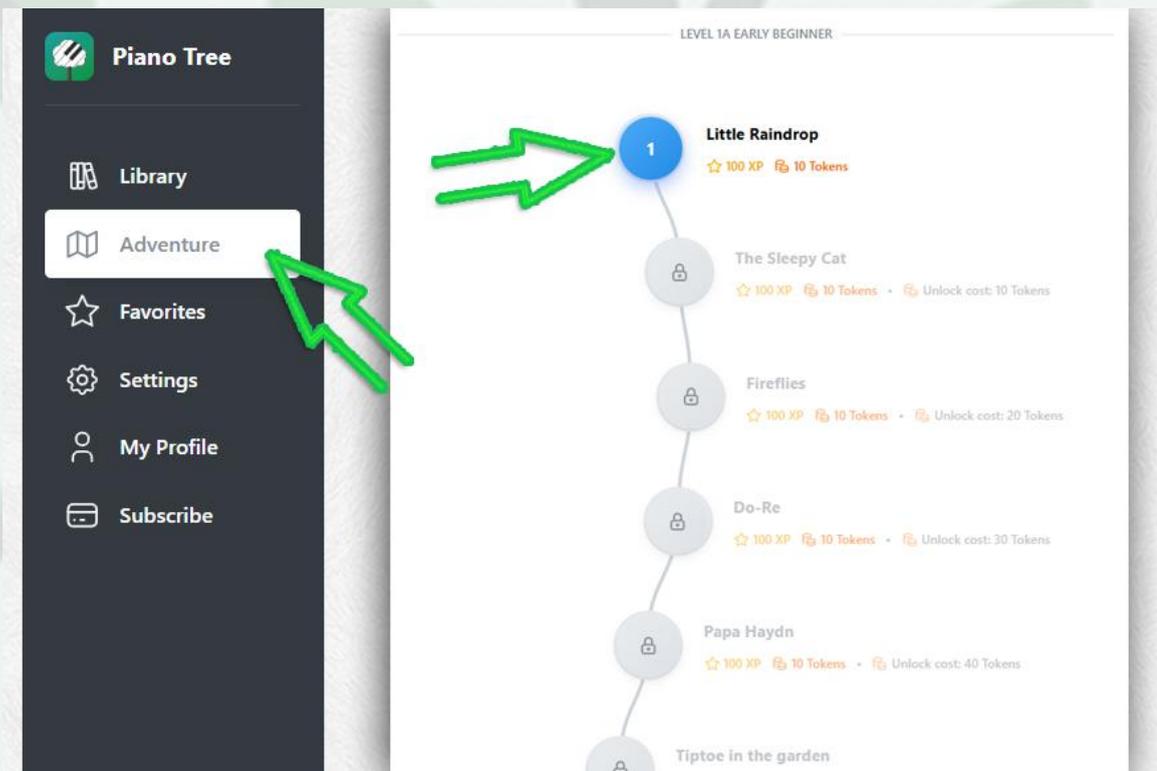
How Adventure Mode Works

1. **Complete Levels** - Each level features a specific song or exercise
2. **Earn Points** - Score 75% or higher to pass and unlock the next level
3. **Collect Rewards** - Earn XP and Tokens as you progress
4. **Track Progress** - See your completion percentage for each world
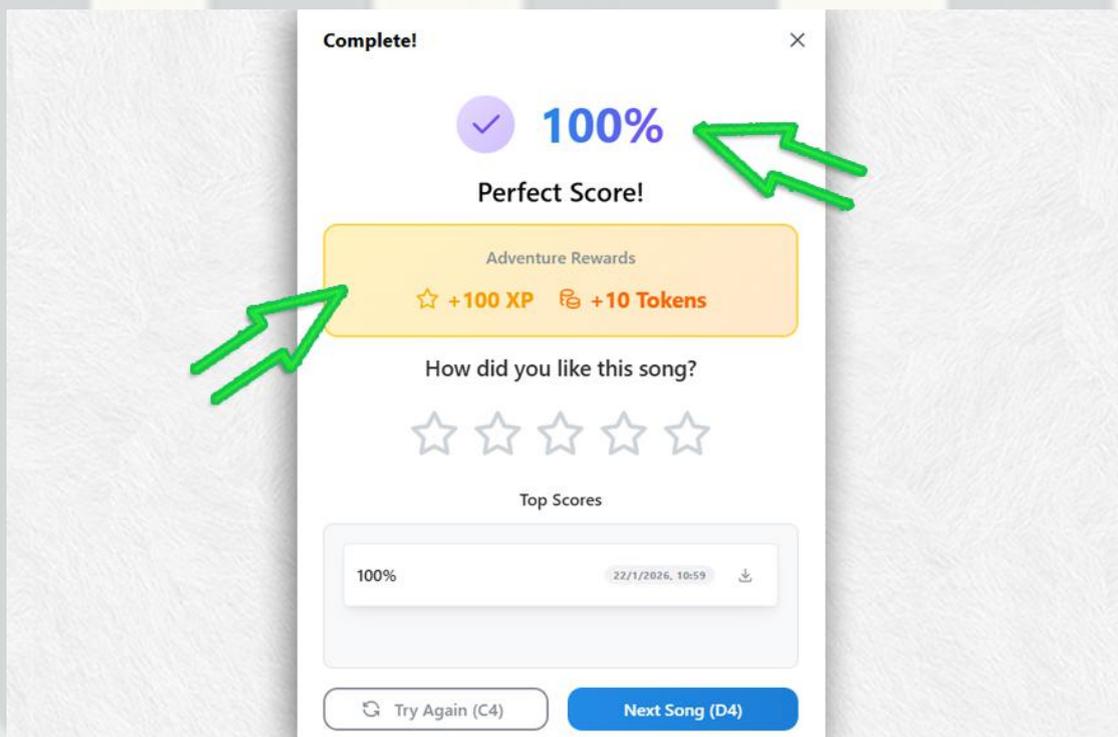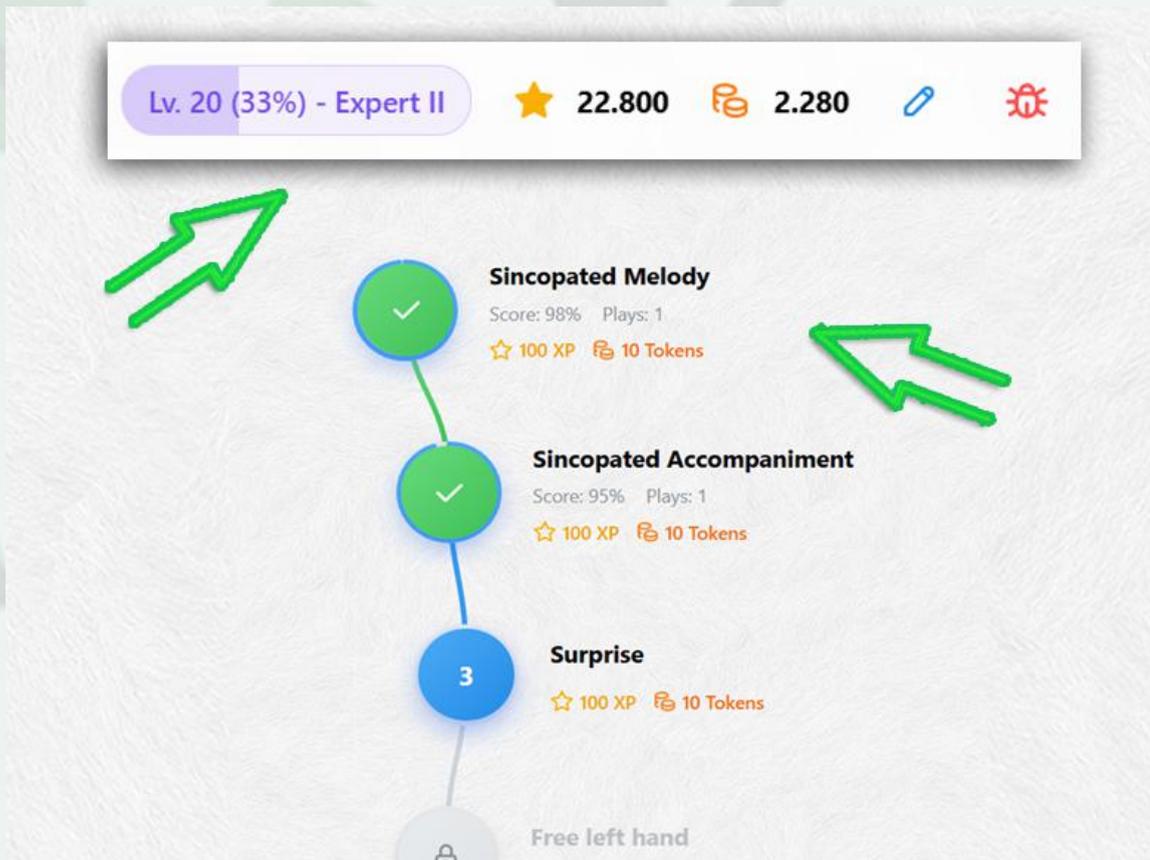
Level Types

Type	Description
Regular Level	Standard song with scoring
Boss Level	Challenging pieces with no BPM reduction allowed
Bonus Level	Extra challenges with special rewards

Scoring

- You need at least **75% accuracy** to pass a level
- Higher scores earn more XP!
- Your high score is saved for each level

Tokens & Unlocking

- Earn **Tokens** by completing levels
- Use tokens to **skip** to higher levels if needed
- Premium users can access all worlds

Tips for Success

[!TIP]

- *Take your time with each piece if needed!*
- *You can always "unlock" a later level if you're stuck on a specific level.*
- *Lower the tempo when learning new pieces*

Progress Tracking
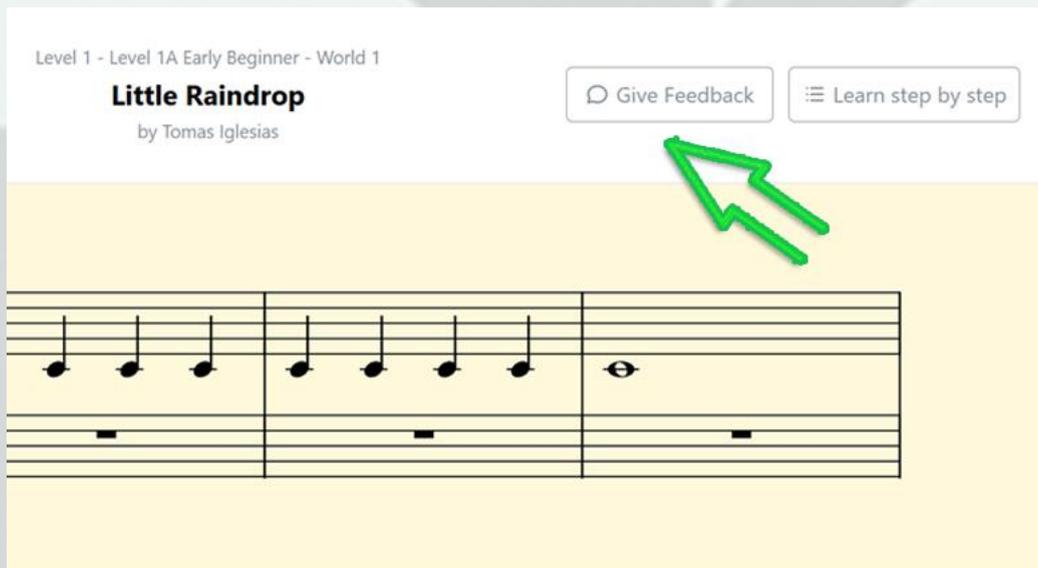
From the Adventure screen you can see:

- **Levels Completed** per world
- **Total XP** earned
- **Tokens** available
- Completion percentage ring for each world

Need Help?

If you encounter any issues or have questions:

1. **In-App Feedback** – Use the "Give Feedback" button on the Song's header to report bugs or suggest features
2. **Email Support** – If you need any help, contact us at pianotreeapp@gmail.com, we try to answer as quickly as possible!

Happy practicing!