

# Welcome to the Read to Succeed Webinar series!

Presented by the  
United Way of Greater  
Nashville





1 2 3

A decorative graphic at the top of the slide features the numbers 1, 2, and 3 in a light blue font with colored outlines (blue for 1, orange for 2, green for 3). They are positioned along a dashed orange line that curves upwards from left to right. The numbers have soft shadows beneath them. To the left of the numbers is a solid light blue circle, and to the right is a purple circle.

# Finding Math in the ECE Day

A United Way of Greater Nashville Read to Succeed Professional Development

# Welcome!

## Welcome to RTS Webinar Wednesdays!

- Presenter – Elandriel Lewis
  - Senior Manager of Early Learning and Training, United Way of Greater Nashville

## Brain Smart Start

- Unite and Connect
  - Please use the chat box to share your name, where you work, and a highlight from this past week.
- Disengage the Stress
  - Breathe and Stretch
- Commit
  - What do you give yourself permission to do during today's webinar?
  - Share in the chat box if you are willing



*A reminder of your importance:*

*Strong Communities*

*Healthy Economy*

**Successful Parenting of Next Generation**

**Educational  
Achievement**

**Economic  
Productivity**

**Responsible  
Citizenship**

**Lifelong  
Health**


**Healthy Child Development**



# Today's Objectives


Participants will:


- Review the importance of math in early education settings
- Explore ways to embed math into everyday activities in the early childhood classroom



## Why is teaching Math in ECE Important?


Math helps children  
make sense of their  
world

- Comparing quantities (who has more?)
  - Finding patterns (what comes next?)
  - Navigating in space (how can I get there from here safely?)
- 



Why is  
teaching  
Math in  
ECE  
Important?

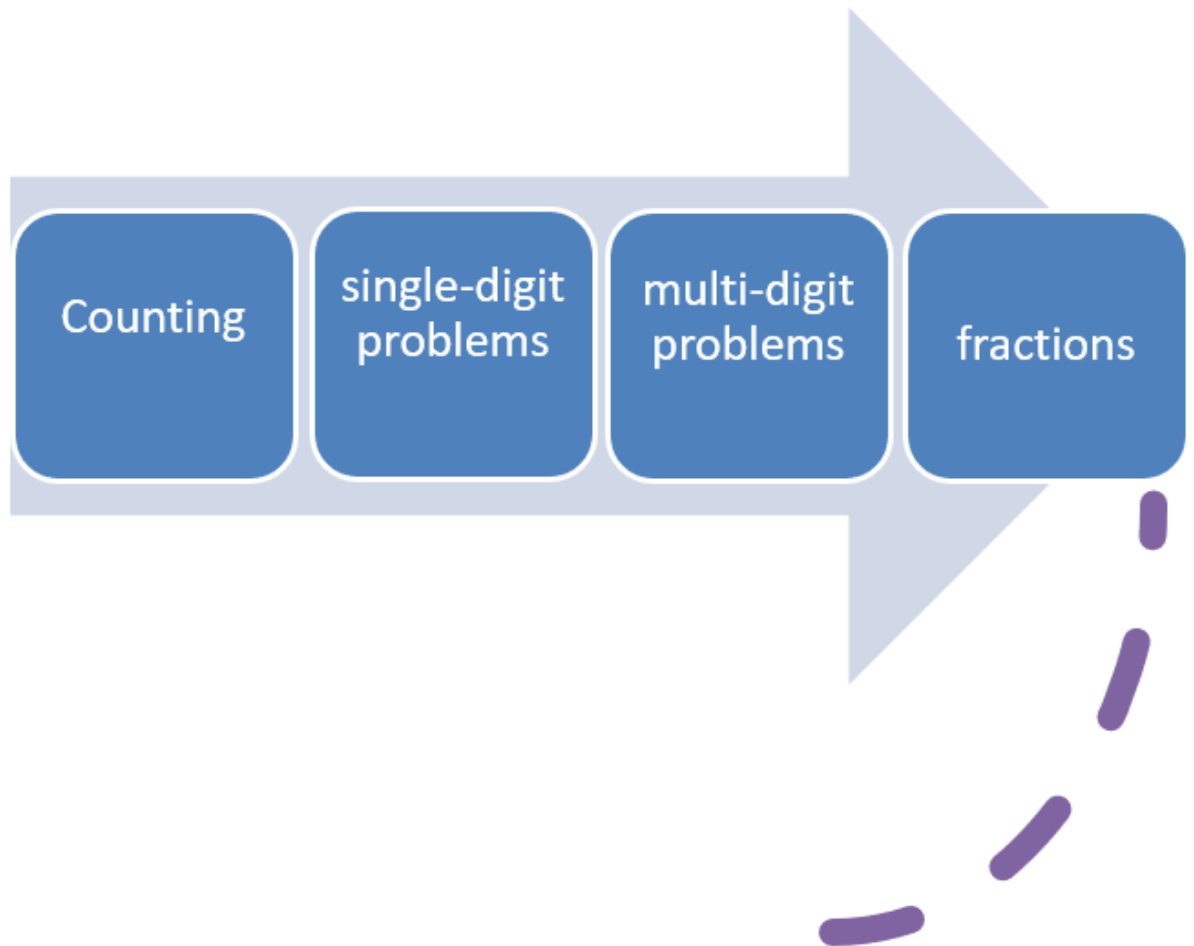
AND helps them  
solve real-world  
problems.

- Balancing a tall block building
  - Sharing crackers fairly
  - Not bumping into friends and chairs
- 

Early math learning has a sizeable impact on a child's future.

1

Early math skills are built on for later skills.



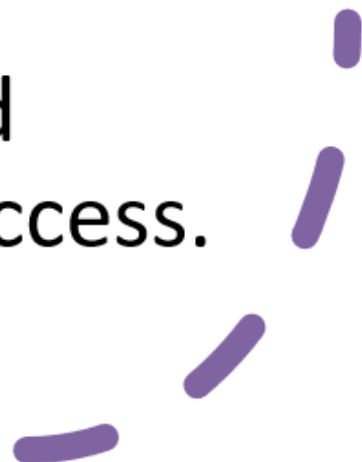


Early  
math  
learning  
has a  
sizeable  
impact  
on a  
child's  
future.

2

The jobs of the  
future will be in  
STEAM

- Early exposure supports underrepresented populations to success.

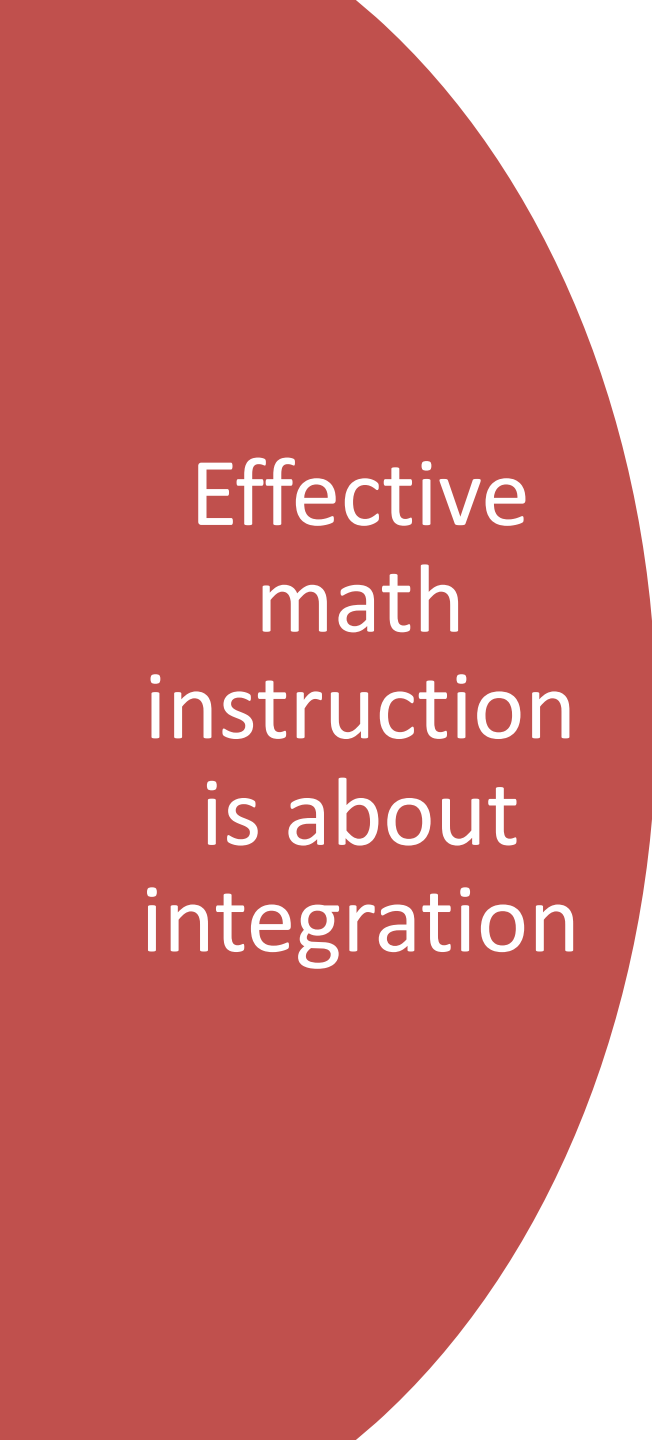


3

Early math learning has a sizeable impact on a child's future.

Early math fluency = future literacy and school success



A large red circle on the left side of the slide, partially cut off by the edge.

Effective  
math  
instruction  
is about  
integration

While there is the need for some initial lessons to model mathematical thinking, most quality math learning happens as a part of other activities.

- E.g. Graphing attendance, counting steps, etc.
- 
- A series of four purple curved dashes arranged in a curved path at the bottom right of the slide.

# There's a problem

The background of the slide is decorated with various colorful geometric shapes. In the top right, there is a blue circle and an orange triangle. In the middle right, there is a blue circle and a blue triangle. In the bottom right, there is a red semi-circle, a purple dashed line, and an orange L-shaped line.

Studies show that ECE teachers report doing math activities every day

**BUT** only 6% of teachers consistently carry out math activities

**AND** 50% do not teach math at all.



NECK AND  
SHOULDER  
ROLLS

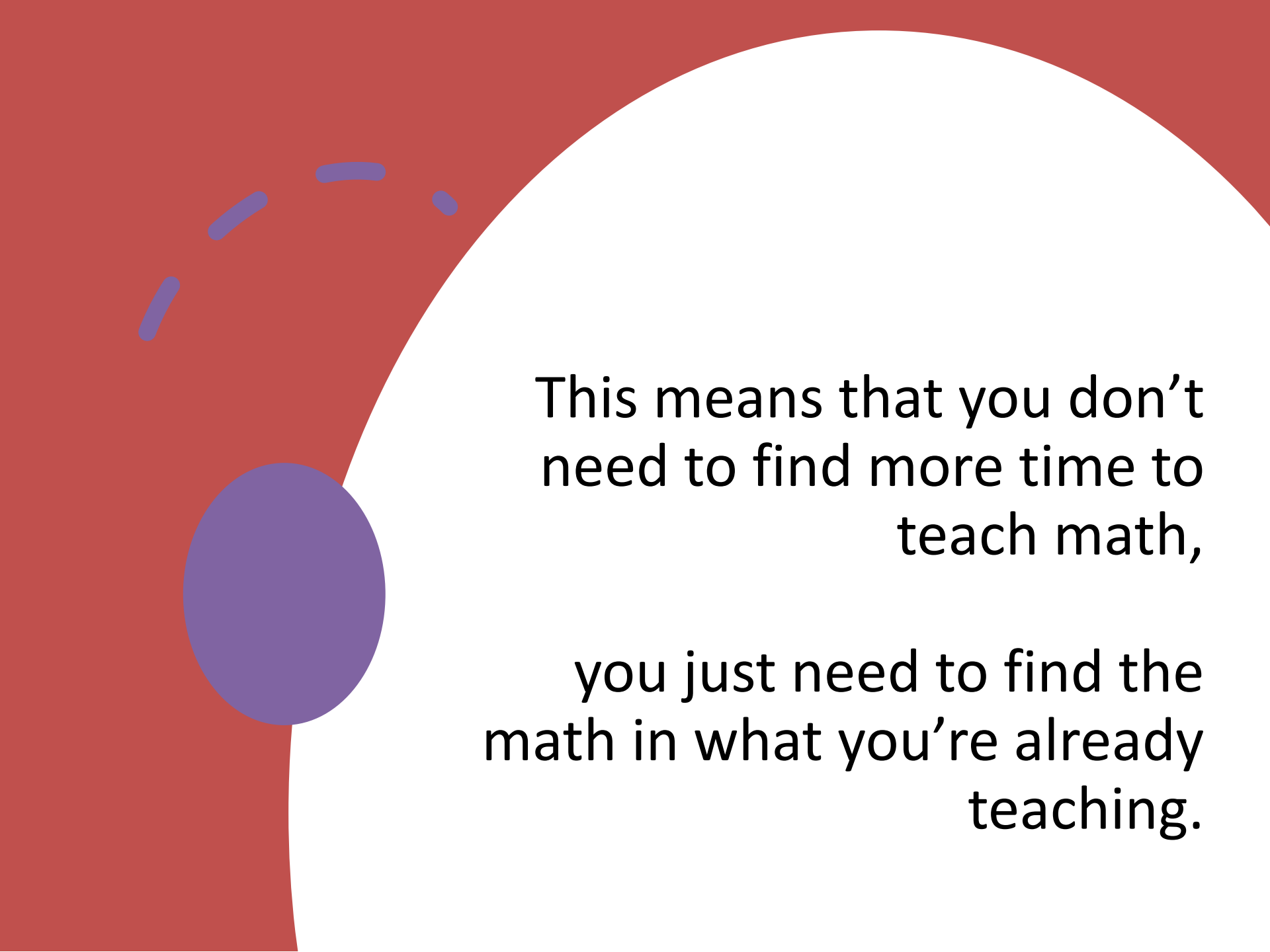
# Brain Break

Effective math  
instruction is about  
integration





Effective early  
childhood  
instruction is  
about play









This means that you don't  
need to find more time to  
teach math,

you just need to find the  
math in what you're already  
teaching.



# Intentional, Responsive Teaching:

## *A Continuum Of Distributed Practice*

I Do/ You Watch	I Do/ You Participate	We All Do Together	I Watch/ You Do
<div>Modeling Mathematical Thinking</div> <div>←————→</div> <div>Honing Your Skills</div>			
<ul style="list-style-type: none"> <li>• Taking Attendance</li> <li>• Read-Aloud</li> </ul>  	<ul style="list-style-type: none"> <li>• Class Survey/ Graph</li> <li>• Number Talk</li> </ul> 	<ul style="list-style-type: none"> <li>• Math Games</li> <li>• <i>Investigation/ Project Work</i></li> </ul> 	<ul style="list-style-type: none"> <li>• Self-Selected Learning Centers</li> <li>• Journaling</li> </ul>  

# Practicing Finding the Math











# Dancing

## Patterns and Spatial Sense

- “Listen to the beat: 1-2-3, 1-2-3, 1-2-3. Clap to the beat: clap-clap-clap, clap-clap-clap, clap-clap-clap.”
- “You are moving fast like a hummingbird!”
- “How high can you raise your arms?”
- “You are close to each other. You are far away!”



# Family Book



## Numbers and Operations

- “You drew all the people in your family!”
- “Who is the youngest/oldest person in your family?”
- “How many boys in your family? How many girls? How many people all together?”



The background is a dark blue field filled with a complex, abstract pattern of glowing blue lines and dots, resembling a neural network or a starry sky. The lines are thin and wispy, with small orange and yellow dots scattered along them. A vertical white line is positioned to the left of the main title.

SIDE-BODY  
STRETCHES

# Brain Break







## Stacking Tower

### Patterns and Measurement

- “You started with big blocks and then added smaller ones. Can you build another tower that is similar?”
- “How many blocks have you used? How many more blocks do you think you could add before it fell over?”
- “If you were going to add more blocks, what size block would you need to use?”
- “Can you use the bricks to measure your tower? How many bricks tall is it?”









## Dramatic Play

### Numbers and Operations

- “Would you like to tell me your recipe for cupcakes and I’ll write it down?”
- “How many more cupcakes can you make in your pan?”
- “Will there be enough cupcakes for the whole class?” “What will you do if there’s not enough/too many?”





# Geometry and Spatial Sense

## Experimentation


- “Wow! Look how fast the ball rolls down the slide!”
- “Which do you think will slide down faster, a ball or a boy?” (try with different objects)
- “I wonder why the ball rolls slow on the grass but fast on the slide. What do you think?”

# Chat Box Exercise

Ask a question about a topic

Share a thought on how you could use these topics in your teaching

Share an “a-ha!” moment you had







WHY UNITED WAY

OUR WORK ▾

GET

# READ TO SUCCEED TRAINING



se contact Elandriel  
with any questions.

We're offering Read to Succeed training for learning professionals including teachers, paraprofessionals, and administrators.

## Latest Webinars

All webinars are DHS approved. Complete a reflection form via the unique Google Form link provided.


10/20/2020: CONSCIOUS CLASSROOM  
PRESENTER: ELANDRIEL

## FIND WEBINAR RECORDINGS...

[HTTPS://BIT.LY/2GFW1YB](https://bit.ly/2GFW1YB)

[HTTPS://BIT.LY/2YQWLQV](https://bit.ly/2YQWLQV)







# FIND AND REGISTER FOR FUTURE WEBINARS



## United Way of Greater Nashville

Read to Succeed is an early childhood initiative of the United Way of Greater Nashville. Read to Succeed unites early childhood professionals to align knowledge, skills and experience to support long academic success and well-being for children and families.

**Live Events 2**   **Past Events 1**

	WED, MAY 13 12:00 PM <b>Read to Succeed Webinar Wednesday - Read It Again!</b>
FREE	#FamilyEducation #Class  
	WED, MAY 20 12:00 PM <b>Read to Succeed Webinar Wednesday - Watching the Clouds</b>
FREE	#FamilyEducation #Class  





# FIND MORE EDUCATIONAL OPPORTUNITIES

- <https://www.edutoolbox.org/earlylearning>

## EARLY CHILDHOOD LEARNING TOOLS

The Ayers Institute is excited to share a free, comprehensive, professional learning program for early childhood educators working in a variety of settings. Our professional learning program includes model lesson videos, an online learning module, and a resource library with over 100 resources. These professional learning resources were created through a collaborative partnership with educators across middle Tennessee.

**RESOURCES** [→ BROWSE](#)

Our early childhood resource library holds **over 100 resources** for early childhood teachers. Resources include, but aren't limited to, small group lesson plans, interactive read aloud guides, classroom management tools, social-emotional learning resources, and professional growth resources for educators.

**MODEL LESSON VIDEOS** [→ WATCH](#)

Our **model lesson videos** feature three Nashville-area teachers in a variety of authentic classroom settings. The videos are designed for educators to explore 3 topics: writing opportunities in a pre-K classroom, mathematics opportunities in a pre-K classroom, and child-led inquiry through an emergent curriculum in a pre-K classroom. Each video has an accompanying facilitation guide for educators to use in leading group discussions.

**ONLINE LEARNING MODULE** [→ DETAILS](#)

Our FREE online learning module, **Fostering Language Development in a Pre-K Classroom**, encourages early childhood educators to consider the impact that daily conversation with young children has on literacy development. The module is designed for educators to work through independently or alongside a professional learning community as a literacy study. Upon completion of the module, educators receive a certificate of completion that can provide evidence of 6 hours of literacy professional learning.



## Welcome to the Tennessee Online Voter Registration System

**Online Voter Registration:** You must have a Tennessee driver's license or Tennessee Department of Safety and Homeland Security ID card. If you do not have a Tennessee driver's license or Tennessee Department of Safety and Homeland Security ID card, you must have a Tennessee Department of Safety and Homeland Security mail.

### TN requirements to vote:

- You must be a U.S. Citizen
- You must be a resident of Tennessee
- You must be at least 18 years old on or before the next election
- If you have been convicted of a felony, your eligibility to register and vote depends on the type of conviction. If you are ineligible, you may regain your eligibility if your conviction has been expunged or if the court has rendered you permanently ineligible to vote. [Learn more on our website.](#)

### Instructions:

Fill in all the required fields on the application.

An online application for a new voter registration must be submitted at least 30 days before the next election.

A printed voter registration application for a new voter registration must be submitted at least 30 days before the next election.

Voter registration records are public records, open to inspection.

View frequently asked questions about online voter registration.

# REGISTER TO VOTE!

- General Info on Registering to Vote - [https://vote.dosomething.org/?r=source:web,source\\_details:hellobar](https://vote.dosomething.org/?r=source:web,source_details:hellobar)
- Register to Vote in TN - <https://ovr.govote.tn.gov/>



I WISH  
YOU WELL