



The RIFTHP/AFT Educational Research and Dissemination Program is a union-sponsored, research-based professional development program. It is designed to help local unions build the capacity to deliver high quality professional development to members.

### **ER&D Section 1** **THINKING MATHEMATICS I**

This course examines current research and best practices for delivering mathematics instruction. Building on an understanding of the additive structure of numbers, the course will focus on thinking, reasoning and communicating mathematically. Links to the GLEs and NCTM Standards and currently used math programs will be made. (Designed for elementary, but appropriate for teachers at all grade levels.)

Location: *Warwick*                      Meets: *Tuesdays*  
School: *Drumrock Elementary*

### **ER&D Section 2** **THINKING MATHEMATICS II**

TMII examines current research and best practices in mathematics instruction and builds a deeper understanding of the multiplicative structure of numbers for teachers of all grade levels. TM II develops conceptual understanding of rational numbers, fractions, decimals, ratios and percentage. Thinking, reasoning, communication and connections among mathematics and real-world situations are emphasized. Alignment with Math GLEs, math programs and NECAP will be stressed.

Location: *North Providence*                      Meets: *Mondays*  
School: *North Providence High School*

### **ER&D Section 3**

#### **THINKING MATHEMATICS-ALGEBRA**

TM Algebra assumes that students struggling with mathematics in middle school and early high school have missed fundamental concepts that must be learned before they can be successful with secondary math curriculum. Each topic presented starts with whole numbers and progresses through rational numbers to alignment with algebra concepts. TM II is designed for middle and high school teachers working with students struggling with math. This course has no prerequisite.

Location: *Coventry*                      Meets: *Thursdays*  
School: *Coventry Administration Building*

### **ER&D Section 4** **BEGINNING READING**

This course examines current research, developments and practical strategies in Beginning Reading Instruction. The sessions will incorporate research-based, hands-on activities, which can be utilized immediately in the classroom. Connections to RI Reading Policy, New Standards Performance Standards and GLEs will be made. (Appropriate for teachers of grades 1-5, ESL and special education teachers.)

Location: *West Warwick*                      Meets: *Wednesdays*  
School: *Wakefield Hills*

**Monday Dates:** 1/28; 2/4; 2/11; 2/25; 3/3; 3/10; 3/17; 3/24; 3/31; 4/7; 4/21; 4/28; 5/5

**Tuesday Dates:** 1/29; 2/5; 2/12; 2/26; 3/4; 3/11; 3/18; 3/25; 4/1; 4/8; 4/22; 4/29; 5/6

**Wednesday Dates:** 1/30; 2/6; 2/13; 2/27; 3/5; 3/12; 3/19; 3/26; 4/2; 4/9; 4/23; 4/30; 5/7

**Thursday Dates:** 1/31; 2/7; 2/14; 2/28; 3/6; 3/13; 3/20; 3/27; 4/3; 4/10; 4/24; 5/1; 5/8

*All classes meet from 4:00 P.M. - 7:00 P.M.*

Each course is taught by nationally trained, expert local practitioners and is hands-on and interactive.

### **ER&D Section 5** **READING COMPREHENSION** **(Elementary)**

This course examines research and exemplary practices for strengthening students' Reading Comprehension strategies. Participants will learn a range of strategies that can be used to support the comprehension process with both narrative and expository text and applied across the curriculum and grade levels. Links will be made to the RI Reading Policy and ELA Grade Level Expectations. (This section of RCI will be geared toward elementary teachers and is appropriate for teachers of grades 2-6.)

Location: *Coventry*                      Meets: *Tuesdays*  
School: *Coventry Administration Building*

### **ER&D Section 6** **READING COMPREHENSION** **(Secondary)**

This course examines research and exemplary practices for strengthening students' Reading Comprehension strategies. Participants will learn a range of strategies that can be used to support student comprehension of narrative and content specific texts and be applied across the disciplines and grade levels. Links will be made to the RI Reading Policy and ELA Grade Span Expectations. (This section of RCI will be geared toward secondary teachers and is appropriate for middle and high school teachers from all disciplines looking for ways to increase student comprehension of subject specific texts.)

Location: *Johnston*                      Meets: *Mondays*  
School: *Ferri Middle School*