

# Modeling with the Masters®

2023 Texas Express

**NOTE: PARTICIPANTS MUST PROVIDE THEIR OWN TOOLS TO PARTICIPATE IN MODELING WITH THE MASTERS®. EVEN IF YOU SIGN UP ON-SITE, TOOLS WILL NOT BE PROVIDED!**

## 1. MWTM<sup>®</sup> - Building A Branch Line Coaling Facility

Title: "**BUILDING A BRANCH LINE COALING FACILITY**" Cost: \$50 Scale: HO Only

Date: 21 August 2023

Time: 7:30am – 11:30am

Lead Instructor: Peter Youngblood, MMR<sup>®</sup>, assisted by MMRs Jim Gore and Carl Smeigh.

In this clinic Peter Youngblood will guide you through scratch building a common branch line coaling facility. With a provided plan, wood materials from Mt. Albert lumber and pieces cut from Styrene, you'll have learned how to build a generic, eye catching, railroad lineside facility. Construction methods are applicable to all scales. You are required to bring your own tools.

### **Required Tools Participants Must Provide:**

- #1 X-Acto knife
- #11 X-Acto blades (5 pack)
- Razor Saw w/fine tooth blade
- Metal Miter Box (for the above)
- Self-healing Cutting Mat 8 ½" x 12" (or larger)
- Small hobby square
- HO Scale Ruler
- Fine pointed tweezer
- Emery boards (the ones women use to file their nails)
- Aleen's "Quick Dry" Tacky Glue
- Self-healing cutting mat 8 1/2" x 12" (or larger is fine)
- 1 Package Handy Wipe

### **Participants need to bring their own tools in order to participate in these clinics**

Bring any other tools you usually use or might find useful.

Optional tools: Optivisor (or equivalent), extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option! A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year-round.

## 2. MWTM® - Building Structures With Cardstock and Paper

Title: **"BUILDING STRUCTURES WITH CARDSTOCK AND PAPER – Silver City Mine Shed"** Cost: \$50 Scale: Any [You MUST Specify AT LEAST two weeks ahead of time]

Date: 21 August 2023

Time: 1:00pm – 5:00pm

Lead Instructor: Jim Gore, MMR®, assisted by MMRs Peter Youngblood and Carl Smeigh

Jim Gore, MMR®, will take you on an amazing journey into Cardstock and Paper buildings. This hands-on clinic is all about building structures from paper which has been printed to look like a building. This clinic will cover the construction of a basic cardstock kit. He will cover printing, cardstock selection, and tools and techniques and some detailing and weathering ideas for cardstock in general. You will be amazed at how real these card stock buildings look. And yes, we will build a structure – Silver City Storage Shed from Clever Models.

### **Required Tools Participants Must Provide:**

- Scale Rule or Straight Edge (Metal, if possible)
- # 1 X-acto knife with new #11 blade
- Extra new #11 blades
- Self-healing cutting mat 8 1/2" x 12" (or larger is fine)
- Fine-tipped forceps ("tweezers" not a hemostat)
- #2 or smaller round-tip detail brush
- CA Glue (Medium Viscosity)
- Copic Pen (T4 Toner Gray) [Try an Art Supply Store like Michael's or Blinks]
- Copic Pen (E57 Light Walnut) [Try an Art Supply Store like Michael's or Blinks]
- Straight Pin

### **Participants need to bring their own tools in order to participate in this clinic!**

Bring any other tools you usually use or might find useful. Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option! A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year-round.

Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

### 3. MWTM<sup>®</sup> - Making Rock Scenery - Mold to Finished Scene

Title: “**MAKING ROCK SCENERY, FROM MAKING A MOLD, TO A FINISHED ROCK SCENE**” Cost: \$50 Scale: Applicable to Any Scale

Date: 21 August 2023

Time: 6:30pm – 10:30pm

Lead Instructor: Carl Smeigh, MMR<sup>®</sup>, assisted by MMRs Jim Gore and Peter Youngblood

Carl Smeigh, MMR<sup>®</sup> will lead you through the process of building a rock mold, making rock castings and finally build a rock feature used in scenery. You will learn how to make a mold from latex, casting rock features and then building a realistic rock scene. Completion will include techniques for painting the rock feature to look like real rock. You will leave the session with your completed rock feature and the paints you used to color the rock.

#### **Required Tools Participants Must Provide:**

1/2” stiff bristle paint brush

Several small paint brushes

Plastic Palette (or metal ones) knives set (Michaels or other hobby store)

1” putty knife

18mm utility knife with spare blade (Home Depot/Lowes)

Pliers, garden variety type

Hot glue gun with several sticks of glue; prefer low temp

Small plastic container to mix plaster

Small paint stir stick to mix plaster

3 small plastic containers with lids to hold 3 or more ounces of liquid (used to mix up your version of 3 colors of paint).

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Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

We will supply acrylic paints to mix and paint your rocks.

We will provide the plaster to make your rocks from molds supplied for use in the session.

We will provide the 12” by 12” foam base to build your rock feature

## 4. MWTM® - Scratchbuilding a Small Styrene Building

Title: **"SCRATCHBUILDING A SMALL STYRENE BUILDING"** Cost: \$50 Scale: HO

Date: 22 August 2023

Time: 7:30am – 11:30am

Lead Instructor: Jim Gore, MMR®, assisted by MMRs Peter Youngblood and Carl Smeigh

In this clinic Jim will take you through the steps of scratchbuilding a small shed (or yard office) out of styrene. This material is easy to work with and you will be shown the basics of working with this material. Jim and the other instructors will also share some tips and tricks in working with versatile material. At the end of the clinic we hope you will have a small building completed or at least well on its way...

### **Required Tools Participants Must Provide:**

This is a suggested list of tools that may be required to participate fully in the hands-on portion of our program. To allow you to fully take part in the building of models, you are strongly encouraged to have all the tools listed. You, however, may not use all of them in this program, but you will have them for future building. Most of the tools listed can be found at your local hobby shop, hardware store or craft store

- Self-healing cutting mat 8 1/2" x 12" (or larger is fine) (must item)
- Knife with new #11 blades
- New single edge razor blade
- Toothpicks
- Fine sandpaper 400 to 600 grit
- Steel straight edge
- Sanding stick or flat file
- Straight tip tweezers
- Hook tip tweezers Assorted Paintbrushes
- 12" Steel ruler graduated in scale feet (for your scale)
- Small triangular hobby square
- Emery boards (the ones women use to file their nails)
- 1 (000) Sable paint brush
- #2 (soft pencil)
- Sprue cutter
- Faller Plastic Liquid Cement (Walthers Part #: 272-170492)
- OR Faller Plastic Super EXPERT Liquid Cement (Walthers Part #: 272-170490)
- OR Testors liquid cement is fine
- |Electronic nibbler (optional)
- Misc. Size Clamps & Square Blocks (Micromark 1-2-3 Blocks)

**Participants need to bring their own tools in order to participate in this clinic!**

Bring any other tools you usually use or might find useful. Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option! A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year-round.

Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

## 5. MWTM® - Working with Cora Foam

Title: **"IT'S SO EASY WITH CORA FOAM!"** Cost: \$50 Scale: HO Only

Date: 22 August 2023

Time: 1:00pm – 5:00pm

Lead Instructor: Peter Youngblood, MMR®, assisted by MMRs Jim Gore, Carl Smeigh

Cora Foam is polyurethane foam that carves like butter, paints like wood and has countless model railroad applications in all scales. Using this amazing material Peter, assisted by MMRs Jim Gore and Carl Smeigh, will teach you how to build a single track concrete pedestrian underpass, learn how to make bridge abutments, retaining walls, signal pedestals, platforms and much more.

### **Required Tools Participants Must Provide:**

This is a suggested list of tools that may be required to participate fully in the hands-on portion of our program. To allow you to fully take part in the building of models, you are strongly encouraged to have all the tools listed. You, however, may not use all of them in this program, but you will have them for future building. Most of the tools listed can be found at your local hobby shop, hardware store or craft store.

- # 1 X-acto knife
- # 11 X-acto blades (5 pack)
- # 17 X-acto lightweight chiseling blade
- Razor Saw w/fine tooth blade
- 12" Steel ruler graduated in HO scale feet
- Small triangular hobby square
- Emery boards (the ones women use to file their nails)
- 1 Aleene's "Quick Dry" Tacky Craft Glue (White bottle)
- Self-healing cutting mat 8 1/2" x 12" (or larger is fine)
- 2 Sharpened pencils
- 1 Package Handy Wipes

### **Participants need to bring their own tools in order to participate in this clinic!**

Bring any other tools you usually use or might find useful.

Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year-round.

## MWTM® - Making a Creek Scene Diorama

### 6. MWTM® - Making a Creek Scene – Part A

Title: “**MAKING A CREEK SCENE – Part A**”  
and Part B) (You MUST register for both A & B)

Cost: \$50 (Total both for Part A  
Scale: Any Scale

Date: 22 August 2023

Time: 6:30pm-10:30pm

Lead Instructor: Carl Smeigh, MMR®, assisted by MMRs Jim Gore and Peter Youngblood

Carl Smeigh will lead you through the process of building a creek bed, water side details including a rock face and a beach. He will go through pouring the “Water” used in scene. You will learn how to make build a creek bed, add bottom and shore details with the final step of “pouring the water” and adding “motion” to give a realistic water scene.

Part A will be building the diorama, adding rocks to one side and a beach to the other side of the creek, completing the creek bed, painting or dirtying the creek bed, adding any desired underwater details and pouring the resin for the water.

#### **Required Tools Participants Must Provide:**

- 18mm utility knife with spare blade (Home Depot/Lowes)
- 60 and 100 grit sand paper
- Small plastic container to mix plaster
- Small paint stir stick to mix plaster
- Plastic Palette knives set (Michaels or other hobby store)
- 3/8” or 1/2” stiff flat bristle brush (Michaels or other hobby store)
- Several tongue depressor stir sticks (Michaels or other hobby store)
- Plastic Straw

A collection of things you think you might find along your water’s edge and on the bottom (sized to your scale). This includes ties, logs, rocks, whatever you might find on the bottom or sides of the body of water associated with your layout (car parts, trash, etc. be open minded and creative). Bring some of the dirt you use on your layout (for the bed of the creek) making sure you have more than just very fine dirt. Bring a couple of nice sized rocks (to scale for your layout) to stick up out of the creek that water will flow around. Carl Smeigh, MMR® will provide materials and tools to add grass and bushes, if you want you want to add trees, bring some in your scale.

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Please note an updated tool list may be sent to you the week prior to the convention. If not listed here,

We will provide materials such as glues, plaster, and paints.

We will provide rock castings that you can select from to make your rock wall.

We will also provide the foam to be used to build the diorama as well as the two-part resin for the water and the Woodland Scenic water effects, waves and ripples.

We will provide materials to add static grass and small bushes.

## 6. MWTM® - Making a Creek Scene – Part B

Title: “**MAKING A CREEK SCENE – Part B**”  
and Part B) (You MUST register for both A & B)

Cost: \$50 (Total both for Part A  
Scale: Any Scale)

Date: 23 August 2023

Time: 7:30am – 11:30am

Lead Instructor: Carl Smeigh, MMR®, assisted by MMRs Jim Gore and Peter Youngblood

Carl Smeigh will lead you through the process of building a creek bed, waterside details including a rock face and a beach. He will go through pouring the “Water” used in scene. You will learn how to make build a creek bed, add bottom and shore details with the final step of “pouring the water” and adding “motion” to give a realistic water scene.

Part B will finish the diorama after an overnight curing of the resin, adding surface water details detailing the shoreline and the area above the rock wall. Grass, bushes and trees are added to finish the scene.

### **Required Tools Participants Must Provide:**

- 18mm utility knife with spare blade (Home Depot/Lowes)
- 60 and 100 grit sandpaper
- Small plastic container to mix plaster
- Small paint stir stick to mix plaster
- Plastic Palette knives set (Michaels or other hobby store)
- 3/8” or 1/2” stiff flat bristle brush (Michaels or other hobby store)
- Several tongue depressor stir sticks (Michaels or other hobby store)
- Plastic Straw

A collection of things you think you might find along your water’s edge and on the bottom (sized to your scale). This includes ties, logs, rocks, whatever you might find on the bottom or sides of the body of water associated with your layout (car parts, trash, etc. be open minded and creative). Bring some of the dirt you use on your layout (for the bed of the creek) making sure you have more than just very fine dirt. Bring a couple of nice sized rocks (to scale for your layout) to stick up out of the creek that water will flow around. Carl Smeigh, MMR® will provide materials and tools to add grass and bushes, if you want you want to add trees, bring some in your scale.

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Please note an updated tool list may be sent to you the week prior to the convention. If not listed here,

We will provide materials such as glues, plaster, and paints.

We will provide rock castings that you can select from to make your rock wall.

We will also provide the foam to be used to build the diorama as well as the two-part resin for the water and the Woodland Scenic water effects, waves and ripples.

We will provide materials to add static grass and small bushes.

## 8. MWTM® - Building A Plaster Structure

Title: **"BUILDING STRUCTURES IN HYDROCAL "** Cost: \$50 Scale: N, HO,  
and O **[You MUST Specify AT LEAST two Weeks ahead of time]**

Date: 23 August 2023

Time: 1:30pm – 5:00pm

Lead Instructor: Jim Gore MMR®, assisted by MMRs Carl Smeigh and Peter Youngblood.

Jim Gore, MMR will take you on a journey into building a kit made from Hydrocal plaster. Jim will walk you thru the steps to build a great starter kit called First Timer Bar. We will explore sealing plaster, basic assembly, learn to paint brick and other masonry items. There is no time like the first time for anything & that includes building your first hydrocal kit! Designed with beginners in mind, this kit features simple construction, but amazing detail.

### **Required Tools Participants Must Provide:**

- Sandpaper – 80 and 120 grit
- Hobby Knife – Xacto #11 blade
- Emery boards or sanding sticks
- 1/8" Drill bit with a Pin vice for the bit
- 000 Steel wool
- Assorted flat paint brushes (one must be flat 1-inch wide)
- Small clamps
- Square

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Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.