

CENTER FOR INNOVATION IN EDUCATION, INC.

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Math a Way of Thinking Helper Commitment and Responsibilities

What's it all about...

The Center for Innovation in Education is a nonprofit educational organization founded by Mary and Bob Baratta-Lorton. Workshops are sponsored by the Center and held around the country and internationally. The workshop is a 30-hour course run as a classroom model rather than a lecture format. When instructors teach at their own school, they have access to all of their own teaching materials. When they travel to other locations, they need volunteer helpers at each site to coordinate on-site materials. The instructors will need assistance in preparing for each day's activities. We are delighted that you will be one of the helpers.

Benefits and Responsibilities for Helpers

- Each helper may participate fully in the workshop tuition free.
- Each helper may receive Center Graduate College credit or continuing education units.
- Each helper will be reimbursed for APPROVED expenses (verified by receipts) that are related to the 30 hour workshop. Check with the instructor in advance. The Center does not reimburse for child care or the purchase of math manipulatives (e.g. Pattern Blocks, geoboards) needed for the workshop. *Helpers need to submit their expenses to the instructor with receipts within 30 days after the workshop is completed.*
- Helpers are needed on set-up day as well as each day of the 30-hour workshop. Please be available an hour before the workshop and an hour after class. As each day goes by, the preparation gets easier and the times will be adjusted accordingly.

Before the Workshop

- Contact the instructor prior to the workshop. Explain which materials you can supply.
- Arrange a mutually convenient time to meet on set-up day.
- Selected workshop materials will be shipped to the site approximately 3 weeks prior to the first day of the workshop.
- Find out these answers for the instructor.

Does the workshop site have:

Refrigerator Microwave oven Separate lunch area Floor space Carpeted floor

Will the workshop room have:

Adult-size tables and chairs set up in advance of set-up day

Will the room accommodate the following:

7 adult-size tables with 6 adult-size chairs around each

1 materials table

1-2 snack tables

1 name tag/registration table

1 overhead projector (plus extra bulb)

Snacks

Coffee, non-dairy creamer, non-sugar substitute, sugar, and tea bags may be purchased for the class. The Center will provide snacks for the first day only. Instructors may wish to post a sign-up list for snacks, hot or cold drinks, ice, etc. for the rest of the workshop.

Math a Way of Thinking Materials

This is the list of materials the site needs to provide for the workshop. (Participants do not bring these items.)

Qty.	Item
1/person	geoboard w/25 nails (wood preferred over plastic)
100+	geobands - large & small
3000	centimeter cubes
250 each	portion cups (1 oz. size and 2 oz. size)
3000	unifix cubes
10	meter sticks or yard sticks
7 sheets	oak tag - 24" x 36" (poster board also works well)
1000-1500	tiles (1" square)
6 sets	pattern blocks (250/set)
1/person	tangrams
5 lbs	beans

A/V and other site needs

- 1 coffee pot
- 1 overhead projector (with extension cord/spare bulb)
- 1 screen

The participants will bring the following:

On the first day...

- crayons or felt tip markers
- glue stick or equivalent
- roll of masking tape
- ruler
- scissors
- coffee mug and spoon (optional for tea or coffee)

On subsequent days...

- kite string
- pie pan (metal)
- birthday candles
- matches
- glass jar (quart size or larger)
- modeling clay (not play dough) golf ball size

Course Titles & Numbers

First time (Level I) participants:

EDM 211 A – Mathematics a Way of Thinking

Second time (Level II) participants:

EDM 213 A – Brain Compatible Teaching

(A Level II Project is required.)

Course Text

Mathematics... A Way of Thinking by Bob Baratta-Lorton

Contact us at:

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