

FAMILY MATH KITS

Overview for Teachers

Kit: SHAPES & MORE

Watch a short video describing this Kit's components that includes ideas for using the Journal responses to augment classroom learning: [SHAPES & MORE Video https://bit.ly/4aVx11d](https://bit.ly/4aVx11d)

Reminders

Teacher Notes

Date that the Kit SHAPES & MORE will go home:

Tangrams Activity

- Each child gets a reusable ziplock pouch with 7 tangram blocks, a booklet of 5 puzzles, an activity instruction page, and a cover page.
- Encourage families to talk with their child while doing the puzzles. The Talk Tip examples on each page are to help get them started—they can also come up with their own!
- Ask families to send pictures of the Kit puzzles they make and their own creations.

Family Math Journal

- Ask families to do “*Let’s be math explorers*” prompts on Week 1 and “*Let’s talk...*” prompts during Week 2.
- Remind families that they should come up with stories from their own lives that can be different from the example. You can share your own answers to the questions.
- Collect back the filled-out Journal pages and keep them in a folder for each child. (You will send home the folder at the end of the program as a keepsake for the child and the family).
- Find ways to bring families’ answers and strengths into the classroom—bulletin board, sharing stories during circle time, etc.

Kit: MEASUREMENT

Watch a short video describing this Kit's components that includes ideas for using the Journal responses to augment classroom learning: [MEASUREMENT Video https://bit.ly/3yVTmFm](https://bit.ly/3yVTmFm)

Reminders

Teacher Notes

Date that MEASUREMENT Kit will go home:

Measuring the Rainbow Activity

- Each child gets 6 pipe cleaners, measuring tape, a baggie of play dough, the activity instruction page, and a cover page.
- Ask families to send pictures of the rainbows they make.
- Encourage families to extend the activity by making more rainbows with fewer pipe cleaners.
- Encourage families to extend the activity by measuring things around their home.

Family Math Journal

- Ask families to do “*Let’s be math explorers*” prompts on Week 1 and “*Let’s talk...*” prompts during Week 2.
- Remind families that they should come up with stories from their own lives that can be different from the example. You can share your own answers to the questions.
- Collect back the filled-out Journal pages and keep them in a folder for each child. (You will send home the folder at the end of the program as a keepsake for the child and the family).
- If families have any unique/unusual measuring tools at home or work, ask them to record a video showing the tool and how it’s used to share with the class.
- Find ways to bring families’ answers and strengths into the classroom—bulletin board, sharing stories during circle time, etc.

Kit: SORTING & DATA

Watch a short video describing this Kit's components that includes ideas for using the Journal responses to augment classroom learning: [SORTING & DATA Video](https://bit.ly/4aVTckR) <https://bit.ly/4aVTckR>

Reminders

Teacher Notes

Date that the SORTING & DATA Kit will go home:

Pom Pom Sorting Activity

- Each child gets 15-20 pom poms, 2 sorting mats, and a cover page. They are asked to sort by color, and then by size.
- Encourage families to talk about how the pom poms are the same and different as they sort and try the Talk Tips that are provided.
- Ask families to send pictures of how they sorted the pom poms.

Family Math Journal

- Ask families to do "*Let's be math explorers*" prompts on Week 1 and "*Let's talk...*" prompts during Week 2.
- Remind families that they should come up with stories from their own lives that can be different from the example. You can share your own answers to the questions.
- Collect back the filled-out Journal pages and keep them in a folder for each child. (You will send home the folder at the end of the program as a keepsake for the child and the family).
- Consider making a bulletin board or anchor chart about "What do we sort" (at home) based on responses.

Kit: PATTERNS

Watch a short video describing this Kit's components that includes ideas for using the Journal responses to augment classroom learning: [PATTERNS Video https://bit.ly/4bQ0Vfc](https://bit.ly/4bQ0Vfc)

Reminders

Teacher Notes

Date that the PATTERNS Kit will go home:

Patterns Activity

- Each child gets 4 sheets of 24 dot stickers and 2 pages (double-sided) of cardstock caterpillars and a cover page.
- Encourage families to talk about how the patterns on each caterpillar are alike and different.
- Ask families to send pictures or send in the pattern bookmark #4 that the children created themselves.

Family Math Journal

- Ask families to do "*Let's be math explorers*" prompts on Week 1 and "*Let's talk...*" prompts during Week 2.
- Remind families that they should come up with stories from their own lives that can be different from the example. You can share your own answers to the questions.
- Collect back the filled-out Journal pages and keep them in a folder for each child. (You will send home the folder at the end of the program as a keepsake for the child and the family)
- This week families may experience a difficult time coming up with examples. If you know families do textile arts like weaving or knitting, or home improvement projects like tiling, you can point out how patterns come up in those activities.

Kit: COUNTING

Watch a short video describing this Kit's components that includes ideas for using families' responses to the Journal prompts to augment classroom learning: [COUNTING Video](https://bit.ly/3Kvzr2u)
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Reminders

Teacher Notes

Date that COUNTING Video will go home:

Card Game Activities

- Each child gets a deck of playing cards and a cover page with links to videos explaining how to play 2 games.
- Try to play the games with students in the classroom so that they have exposure to the rules before they take the cards home.
- Remind families these games can also be played with older siblings, and that more games are available on the DREME website.

Family Math Journal

- Ask families to do “*Let’s be math explorers*” prompts on Week 1 and “*Let’s talk...*” prompts during Week 2.
- Remind families that they should come up with stories from their own lives that can be different from the example. You can share your own answers to the questions.
- Collect back the filled-out Journal pages and keep them in a folder for each child. (You will send home the folder at the end of the program as a keepsake for the child and the family)
- Put all the Math Journal pages that each family has filled-out together and staple them into the full Family Math Journal Book. Send home for a keepsake of the project!