

Family Night Sketch

Goal of Family Night (What do you want parents, students, teachers, volunteers, etc. to experience and takeaway from the evening?):

Location: _____ Date: _____ Time: _____

Are you going to have a theme for the Family Night? _____

How will you advertise? _____

Will there be dinner, a snack, or prizes? _____

Who will help out? _____

Which set up are you using?

- | | | |
|-------------------|---------------------|-----------|
| a) Free-for-all | c) Grade level room | e) Other: |
| b) Room Rotations | d) A mix of A-C | |

Will there be a guest speaker or outside organizations volunteering? _____

Activity/Station #1: _____

- Materials:
- What will families do at this activity/station?
- What's the big mathematical idea or practice?
- What do we expect parents and students to do and/or think?
- What questions should be asked at this station? How do you anticipate participants would respond?

Activity/Station #2: _____

- Materials:
- What will families do at this activity/station?
- What's the big mathematical idea or practice?
- What do we expect parents and students to do and/or think?
- What questions should be asked at this station? How do you anticipate participants would respond?

Space for notes and other great ideas!

Some starter resources:

1. Family Math Night: Middle School Math Standards in Action, by Jennifer Taylor-Cox and Christine Oberdorf
2. Family Math: The Middle School Years, Algebraic Reasoning and Number Sense, by Virginia Thompson, Karen Mayfield-Ingram, and Ann Humphrey Williams
3. The Everything Kids' Math Puzzles Book, by Meg, Glenn, and Sean Clemens
4. NCTM's Figure This (figurethis.nctm.org)
5. NCTM's Illuminations (illuminations.nctm.org)
6. Family Math Night (familymathnight.com)
7. Ken-Ken (kenkenpuzzle.com)
8. YouCubed (youcubed.org)

NCTM Articles:

1. Strengthening Partnerships through Family Math Nights, by Lynn Hodge and Michael Lawson (Teaching Mathematics in the Middle School, 2018)
2. Identifying Opportunities to Connect Parents, Students, and Mathematics, by Nancy Fagan (Teaching Children Mathematics, 2008)
3. Family Math Nights: Collaborative Celebrations of Mathematical Learning, by Andrea Lachance (Teaching Children Mathematics, 2007)
4. Large Scale Family Math Nights: A Primer for Collaboration, by Joan Schussheim (Teaching Children Mathematics, 2004)