

The Comprehensive Requirement for the TCM concentration will be one of the following:

a)Three-Session Staff Development Plan or b)Three-Session Parent Education Plan

Note that both options are a PLAN. You are not required to carry out the project, although it is hoped that sometime in the future you will be able to do this.

Option a:Three-Session Staff Development Plan

For this option consider a theme, topic, or issue that has run across several of your courses in the program that you would like to share with colleagues and/or your administrators. The **goal of the program should be to make some direct impact for changing some aspect of mathematics instruction, learning, or assessment in your school.**

In writing this up, include the following:

1)Background of Your Topic

Provide a narrative description of:

- the theme or topic of your staff development activities
- how you came to chose this theme based on your experience with courses in the program and your own teaching experiences
- the significance of the theme or topic is in terms of the field of mathematics education and your school's concerns.

Consider the relationship of your topic to NCTM and NJCCC Standards

Describe the relevance of your topic to grade-level standardized assessments

Show how your topic is related to the curriculum or current practices for teaching mathematics in your school

- Cite at least 5 references to support your choice of topic

2)Description of Colleagues or Adminstrators for whom your plan is intended

3)Describe the specific learning goals of your staff development plan

4)Indicate what you would have to do in preparation to set up your program – consider recruitment, time constraints, compensation needed if any, etc.

5)Provide a description of the format and content of your three-session staff development program (Charts would be a good supplement for the narrative)

6)Describe the materials that you would use to implement your plan

7)Anticipate the realistic outcomes that you would expect from your staff development project in terms of how you will assess its effect on Students and Participating Teachers and/or Administrators

8)Provide samples of the materials you would use in your workshops (e.g., Powerpoint slide show; take-home packets for participants; activity pages used during workshops)

9)Bibliography (using APA format) of references used to prepare program and sources of for your particular program goals, format, and activities

Option b: Three-Session Parent/Family Education Plan

For this option consider a theme, topic, or issue that has run across several of your courses in the program that you would like to share with parents/families in your school or class. **The goal of the program should be to make some direct impact on the behavior and involvement of parents/families in their children's mathematics education.**

In writing this up, include the following:

1)Background of Your Topic

Provide a narrative description of:

- the theme or topic of your parent/family education activities
- how you came to chose this theme based on your experience with courses in the program and your own teaching experiences
- the significance of the theme or topic is in terms of the field of mathematics education and your school's concerns about parent/family involvement.
 - Consider the relationship of your topic to NCTM and NJCCC standards
 - Describe the relevance of your topic to grade-level standardized assessments
 - Show how your topic is related to the curriculum or current practices for teaching mathematics in your school
- Cite at least 5 references to support your choice of topic

2)Description of the Community and Parents/Families Whom You Hope to Get to Participate

3)Describe the specific learning goals of your parent/family education plan

4)Indicate what you would have to do in preparation to set up your program – consider recruitment, time constraints, babysitting, refreshments, compensation needed if any, etc.

5)Provide a description of the format and content of your three-session parent/family education program (Charts would be a good supplement for the narrative)

6)Describe the materials that you would use to implement your plan

7)Anticipate the realistic outcomes and how you would assess expected outcomes from your program on parents/families and their children

8)Provide samples of materials you would use in your program (e.g., Powerpoint slide show; take-home packets for parents/families; activity pages used during workshops)

9)Bibliography (using APA format) of references used to prepare program and sources of for your particular program goals, format, and activities

Assessment 7 - Scoring Rubric for Comprehensive Requirement: Parent Education or Staff Development Plan

	Target = 3	Acceptable = 2	Unacceptable = 1
1. Background Knowledge and Rationale for Plan	Provides a comprehensive narrative description and rationale for choice of topic using course/program and teaching experiences; at least 5 articles cited that are relevant to choice of topic	Provide clear narrative description and rationale for choice of topic using some course/program and teaching experiences; at least 3 articles cited that are relevant to choice of topic	Provides partial or incomplete narrative description and rationale for choice of topic; fewer than 3 relevant articles cited for choice of topic.
2.. Learning Goals and Plan Preparation	Provides comprehensive and accurate analysis and interpretation of all learning goals, participants, and plan for action including recruitment and assessment	Provides accurate analysis and interpretation of several learning goals, participants, and plan for action including recruitment and assessment	Provides partial, incomplete, or inaccurate analysis and interpretation a learning goals, participants, and plan for action
3. Description of Methods, Format, and Materials	Provides complete and comprehensive description of methods, format, and materials	Provides sufficient description of methods, format, and materials	Provides partial or limited description of methods, format, and materials
4. Prediction of Expected Outcomes	Complete description	Sufficient description	Partial or limited description
5. Supporting Materials Used for Program	Three or four examples of materials to be used	One or two examples of materials to be used	No examples of materials to be used

5 components are described. A score of 1, 2, or 3 may be given for each component. This would result in an overall score of 5-15 points. A total score of 13-15 is considered Target; a score between 9 - 12 is considered Acceptable; and a score of 8 or below is considered Unacceptable.

Scoring Criteria

13 - 15 points = Target 9 – 12 points = Acceptable < 9 points = Unacceptable

Rubric Key

1. Background
2. Learning goals
3. Methods
4. Outcomes
5. Materials Appendix

Comprehensive Requirement: Parent Education or Staff Development Plan

Name: _____

	1 point Unacceptable	2 points Acceptable	3 points Target	Total Score
Background Knowledge and Rationale				
Learning Goals & Plan Preparation				
Methods, Format, and Materials				
Prediction of Expected Outcomes				
Supporting Materials Used for Program				

Scoring Criteria

13 - 15 points = Target 9 – 12 points = Acceptable < 9 points = Unacceptable