We will follow this format to produce an analysis plan:

**Who (How will we learn more about who we will be teaching?)**

**People Methods (Describe the people methods you would use.)**

* Doing focus group method by asking math teachers about the main points that they will teach in Pythagorean theorem.
* Interview with teacher’s face-to- face what materials are the best to teach in math.
* Survey with experts and teachers about the strategy that they use in order to teach Pythagorean theorem.

**Document Recovery (Describe the way you would use document recovery.)**

* Looking and searching about tutorial video for instructor who teach this lesson.
* Find some prior experience about the way of teaching Pythagorean theorem.
* Looking for some prior students test in math.

**Literature (Describe what ways you would use the literature base.)**

* Provide theoretical instructions to make students understand the subject well.
* Doing some research about the best way of learning style to teach math
* Looking for researches that help students to improve their skills on math.

**What (How will we learn more about what we will be teaching?)**

People Methods (Describe the people methods you would use.)

* Observation some Teachers work who use PowerPoint or any technology to teach students on math.
* Questionnaires with some instructors about the topic, and the materials that they use.
* Focus group with teachers who teach math and discuss with them what the strategy that they will use, materials, and learning styles.

**Document Recovery (Describe the way you would use document recovery.)**

* Visual chart, and graph to explain the lesson of Pythagorean theorem.
* Using the book of the curriculum for math that clarifies Pythagorean theorem.
* Providing a standard strategy or steps that students must know to learn Pythagorean theorem.

**Literature (Describe what ways you would use the literature base.)**

* Looking for some researches that explain how to teach Pythagorean theorem.
* Research on some literatures of instructors who have prior knowledge about teaching math skills.
* Looking for researches that provide good strategies to teach math.

**How (How will we learn more about how to measure or ensure learning?)**

**People Methods (Describe the people methods you would use.)**

* Giving students homework about the Pythagorean theorem to assess their understanding.
* Divide students in groups and make group works by asking them some questions about the lesson. For example, a small group of people will answer some questions in the board as an exercise or answer the questions in the sheets. Observation people knowledge or behavior by discussing with them some important point about the lesson.
* Evaluate student’s ability by giving them small quiz to see if they understood subject or no.

**Document Recovery (Describe the way you would use document recovery.)**

* Review some samples of student’s answers in math quizzes.
* Look for some different materials of teaching math to develop my teaching skills.
* Look for some instruction books, people perspective about some tasks that measure student’s skills.

**Literature (Describe what ways you would use the literature base.)**

* Doing researches for some tests on math.
* Doing some researches for tasks that measure student’s ability for math, Pythagorean theorem.
* Researches on good strategies or skills that succeed on teaching Pythagorean theorem.