

Mohamed Khider University of Biskra  
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English Division

# Formulating the Research Problem- Part II

**L3 Research Methodology**

**Groups: 3/4/5**

**Teacher: Ms. Ghennai**

# Types of Research

There are different types of research according different perspectives

Types of research according to their objectives:

Type of research	Aim
<b>Descriptive</b>	<p>To describe what is prevalent regarding a group of people, a phenomenon, a situation, a program or an outcome.</p> <p>Example 1: To describe the attitudes of students towards a specific teaching technique.</p> <p>Example 2: To describe the extent of parental involvement among university students.</p>
<b>Correlational</b>	<p>To establish or to explore a relationship, an association or an interdependence between two or more aspects of a situation.</p> <p>Example 1: To ascertain the effectiveness of a specific teaching technique.</p> <p>Example 2: To explore the impact of parental support on university students.</p>

<b>Explanatory</b>	To explain why and how a relationship is formed. Example1: How does a specific teaching technique improve students' marks. Example2: How does parental support affect university students' performance. Example3: Why do some parents support university students while others do not?
<b>Exploratory</b>	To explore an area where little is known in order to see the feasibility of carrying out further research or to explore and test research tools. It is flexible and it can have questions and objectives of all types. Example: Would teachers be interested in applying a new specific teaching technique in classroom?

Research can be classified according to its objectives into these four types. The first three ones are not exclusive. A research can be a combination of two or the three of them.

# Types of Research

Types of research according to their inquiry mode:

Type of research	Mode of inquiry
Quantitative	<p>Predetermined and structured process where Information is measured and quantified for the aim of studying the extent of a variation of a phenomenon.</p> <p>Example: What is the extent of the use of a specific classroom management technique for large classes among teachers of a specific school?</p>
Qualitative	<p>Flexible and unstructured process where information is described and narrated in order to explore the nature of a phenomenon.</p> <p>Example: What classroom management techniques do teachers in a specific school use in large classes?</p>

The choice of a specific problem entails the choice of a specific type of enquiry. However, some researches involve both, quantitative and qualitative enquiry modes. For example, if a researcher wants to investigate the types of classroom management techniques and the extent of their use in a specific school, they cannot restrict themselves with one mode of inquiry.

# Assignment 2

What type of research would you have taking into consideration the research question you have generated in Assignment 1? Complete the following table.

My research question	Type of research (research objective)	Type of research (inquiry mode)
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.....	.....	.....
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