

As to purpose, research is generally divided into two: basic and applied. While basic research predicts future phenomena, applied research creates solutions or preventions for probable problems. As compared to basic research, applied research is more closely associated with economically related objectives. While basic research takes place in a sterile environment, applied research is often conducted in messy real-world settings. Basic research is also known as fundamental or pure research since it is mainly concerned with the improvement of scientific knowledge.