

Asking Effective Questions: Resource Packet

This packet includes all documents you will be using to answer questions and learn vital concepts in the “Asking Effective Questions” module. Feel free to print this packet now, so that you can make notes as you go, or print each document as it becomes available during your progress through the course. The title of the page the document will appear on is noted in the top left corner of each document in this handout.

- 11 Types of Questions (p. 2)
- References (p. 3)



Asking Effective Questions: 11 Types of Questions

These 11 types of questions were described by Paul and Elder (2012) and are based on their elements of reasoning and six intellectual standards.

Type of Question	Purpose of Question
Purpose	Define the task.
Information	Look at sources and quality of information.
Interpretation	Examine how you give meaning to information and challenge you to consider alternative ways to give information.
Assumption	Examine what you are taking for granted.
Implication	Follow how your thinking is directed or guided.
Point of View	Examine your point of view and consider the other's point of view considering your own.
Relevance	Differentiate what does and does not rely on the question.
Accuracy	Evaluate for truthfulness, facts, and clarity.
Precision	Be specific and focus on details.
Consistency	Think about the contradictions within your own thinking.
Logic	Think about how thought is constructed and examine if it is reasonable within context.

Asking Effective Questions References

Anderson, L. W. & Krathwohl, D. R. (2001). *A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives*. New York: Longman.

Boyer, K. E., Lahti, W., Phillips, R., Wallis, M. D., Vouk, M. A., & Lester, J. C. (2010, March). Principles of asking effective questions during student problem solving. In *Proceedings of the 41st ACM Technical Symposium on Computer Science Education*, 460-464.

Paul, R. & Elder, L. (2012). *Critical thinking: Tools for taking charge of your learning and life*. Boston, MA: Pearson Education, Inc.

Payne, S. L. (2014). *The art of asking questions: Studies in public opinion*, 3. Princeton, NJ: Princeton University Press.

Rushton, K. (2017). Instructional leadership: The art of asking questions to promote teaching effectiveness. In Preciado Babb, P., Yeworiew, L., Sabbaghan, S. (Eds.). *Selected Proceedings of the IDEAS Conference: Leading Educational Change*, pp. 131-139. Calgary, Canada: Werklund School of Education, University of Calgary.