

Novice → Expert

As your children are at the beginning stages of their learning careers they are often portrayed as novice learners. As these young learners grow and intake information they will continue to work toward becoming experts in no time!

Here are some useful tips about understanding and supporting an expert that may help you with your child's path to become a successful learners and future expert.



**Creative
Skillful
Successful
Master
Dedicated
Driven**

"Experts are not simply "general problem solvers" who have learned a set of strategies that operate across all domains. The fact that experts are more likely than novices to recognize meaningful patterns of information applies in all domains, whether chess, electronics, mathematics, or classroom teaching" (Bradford et al., 2000).

Work Cited:

Bransford, J. L., Brown, A. L., & Cocking, R. R. (2000). *How people learn: Brain, mind, experience, and school*. (Expanded Edition). National Academy Press.

Lab No 4. (2015). *The Expert In Anything Was Once a Beginner quotes [poster]*.<https://fineartamerica.com/featured/the-expert-in-anything-was-once-a-beginner-quotes-poster-lab-no-4.html>.

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Important Principles of Expert Knowledge:



"Experts notice features and meaningful patterns of information that are not noticed by novices" (Bradford et al., 2000). As experiences increase so does ones knowledge, therefore, providing more experience in a specific field can help lead to expertise.



"Experts have acquired a great deal of content knowledge that is organized in ways that reflect a deep understanding of their subject matter" (Bradford et al., 2000). It's better to support learning big ideas versus memorizing facts and formulas to support learners.



"Experts are able to flexibly retrieve important aspects of their knowledge with little attentional effort" (Bradford et al., 2000). It's not about speed of completion, it's more about problem solving and completing the best task to reach the solution.



"Experts have varying levels of flexibility in their approach to new situations" (Bradford et al., 2000) Experts can take previous situations and apply their learnings to complete future tasks better than the last through learned experiences.

