NEUROMYTHS
AS AN ILLUSTRATION OF KNOWLEDGE TRANSFORMATION

do you know which statements aren´t correct?
Masaryk, R., Bašnáková, J., & Kostovičová, L.  
(Trans)formation of Knowledge in Teaching of Psychology
NEUROMYTHS

- common misconceptions about brain mechanisms, which are taken for granted in today’s society
- “a misconception generated by a misunderstanding, a misreading, or a misquoting of facts scientifically established (by brain research) to make a case for use of brain research in education and other contexts” (OECD, 2002)


- 242 teachers from UK & Netherlands
- believed 49% neuromyths
- higher knowledge → more likely to believe neuromyths
- „brain as authority“


„Science must begin with myths, and with the criticism of myths.“
Karl Popper