

Online Resource 1: Supplementary Figures

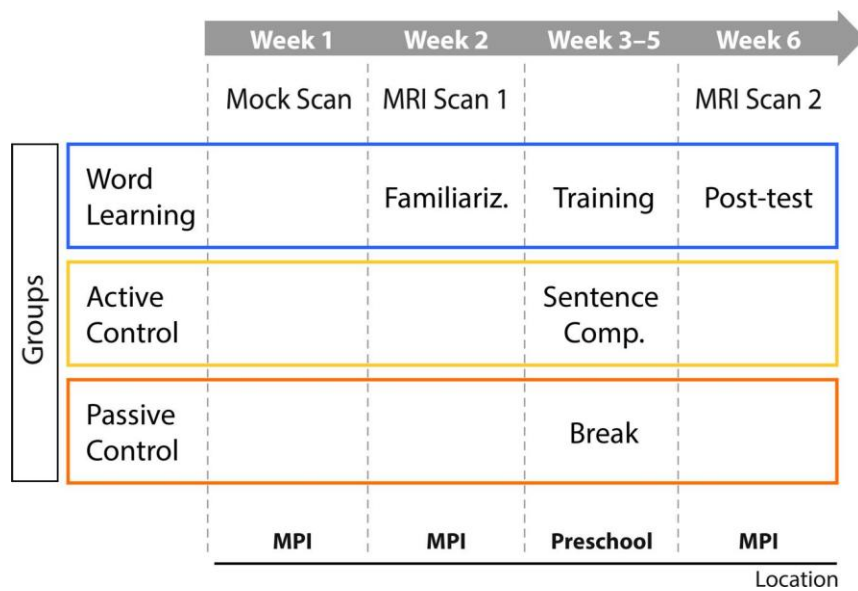
Word learning leads to white matter plasticity in preschool children

Brain Structure and Function

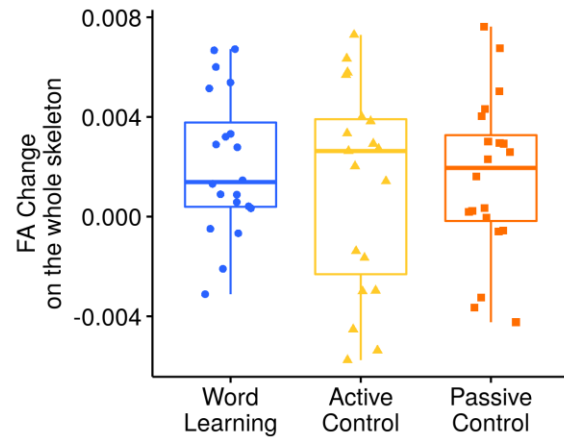
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Supplementary Fig. 1 Timeline of study. IQ testing session is not shown in this timeline. IQ testing session took place six months after MRI Scan 1. MPI = research institute. At the time of scan 1 and scan 2, children in the active and passive control groups completed a sentence comprehension task after their MRI scan, as described in the Materials and Methods section.



Supplementary Fig. 2 Mean FA change on the entire white matter skeleton from scan 1 to scan 2. The groups did not differ in global mean FA change from scan 1 to scan 2 on the white matter skeleton. Individual subjects' data points are represented by dots in the word learning group, triangles in the active, and squares in the passive control group.