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Engaging Youth - Education and Outreach for ages 0-12

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Engaging children under the age of 12 in physics research is particularly challenging but offers unique educational potential. Outreach and engagement at an early age has been demonstrated to be key to increasing awareness of physics and to increasing diversity in the field in later years. We present a variety of activities and resources developed by the ATLAS Collaboration targeting this demographic, including the ATLAS Baby Book, ATLAS Colouring Books, ATLAS Activity Sheets, Lego models and more. We discuss the motivation in the creation of these resources, details of their use, and future plans. We also discuss the status and impact of translating these documents into many languages for truly global engagement.

Primary authors: FILMER, Emily (University of Adelaide (AU)); GOLDFARB, Steven (University of Melbourne (AU))

Presenter: FILMER, Emily (University of Adelaide (AU))

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