



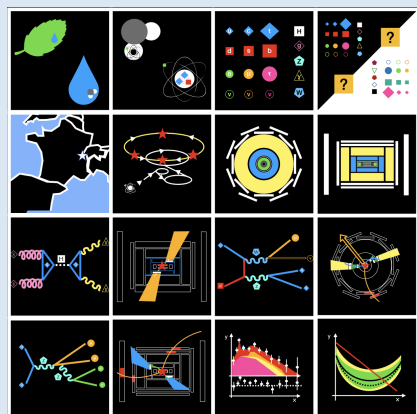
ENGAGING YOUTH EDUCATION AND OUTREACH FOR AGES 0-12

Scan to find all
ATLAS resources



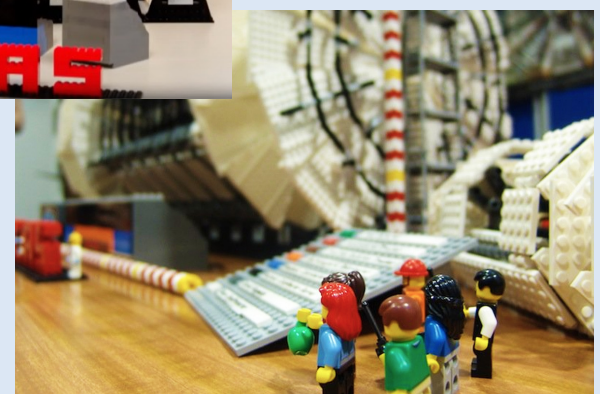
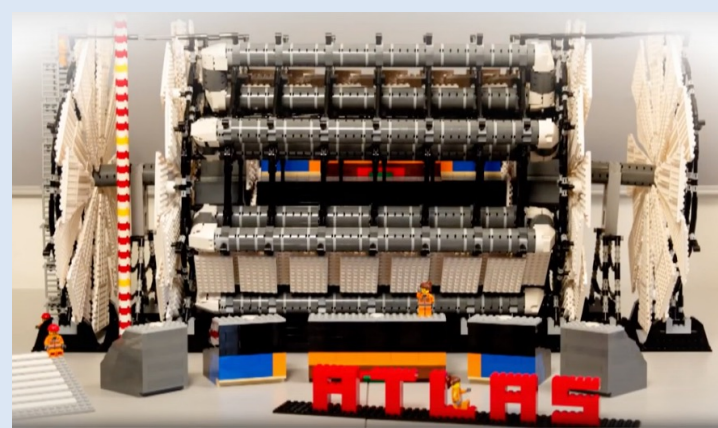
- * Children can be introduced to particle physics at a young age.
- * Early engagement results in better **awareness** of physics and higher **diversity** in the field.
- * ATLAS has a wide variety of activities and resources targeting children.

BABY BOOK (2020)



- Bold, **high-contrast images** designed to help babies develop focus and eyesight.
- Sold at CERN gift shop and ATLAS secretariat.
- PDF and image captions (for parents) available online for free.

LEGO MODEL (2011-2012)

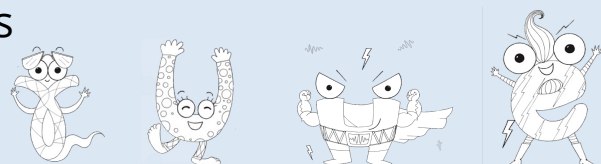


- **1:50 representation** of the real detector, consisting of ~9500 pieces (smaller versions also available).
- Model shipped to over 60 institutes in 19 different countries.

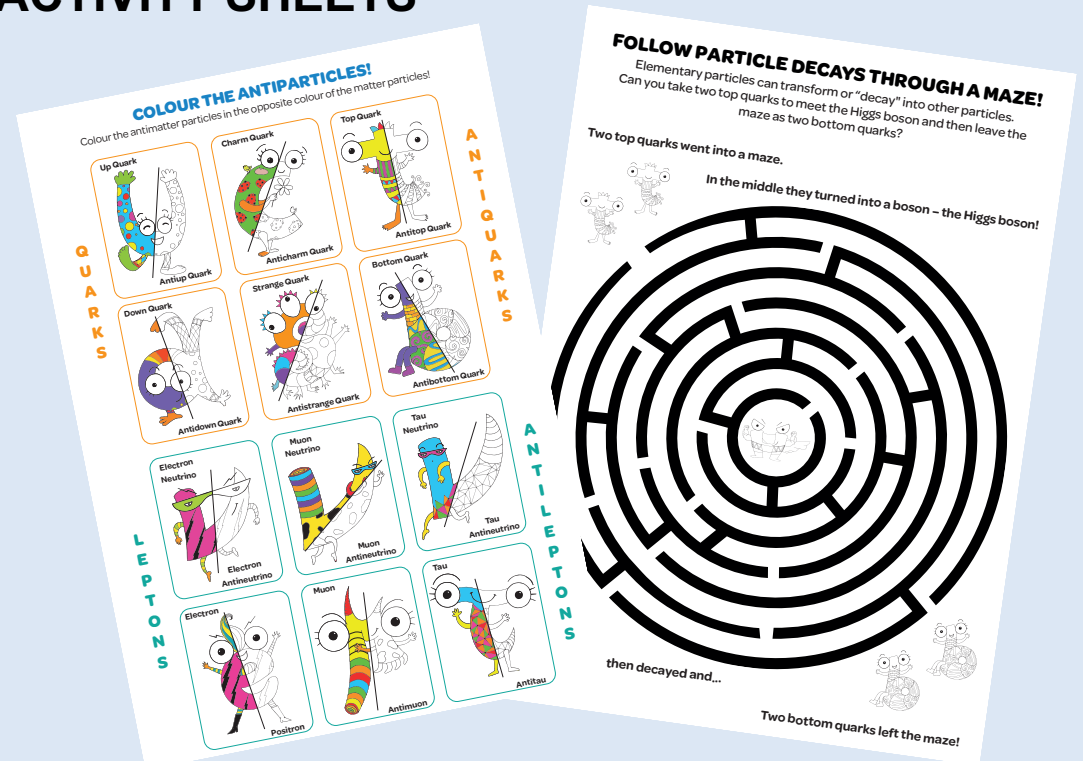
COLOURING BOOKS



- 2 books available: teach children about ATLAS **detector, collaboration**, and **Standard Model**.
- Particles zoo introduced and given personalities.
- PDF available online for free. Physical copies sold at CERN and ATLAS shops



ACTIVITY SHEETS



- 5 sheets currently available (in colour and black & white).
- Build upon colouring books: same particle characters.
- **New concepts** introduced (anti-particles, decays, ...).

TRANSLATIONS

- All educational material is made **available to many readers** through translation.
- "ATLAS Experiment" colouring book available in 21 languages, "Particles of the Universe" in 11 languages, activity sheets in 7 languages.
- All translations done or reviewed by ATLAS physicists.