



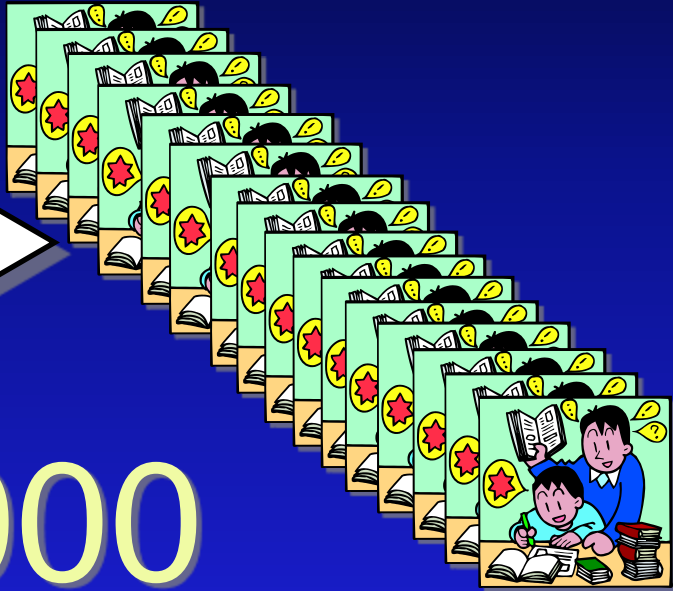
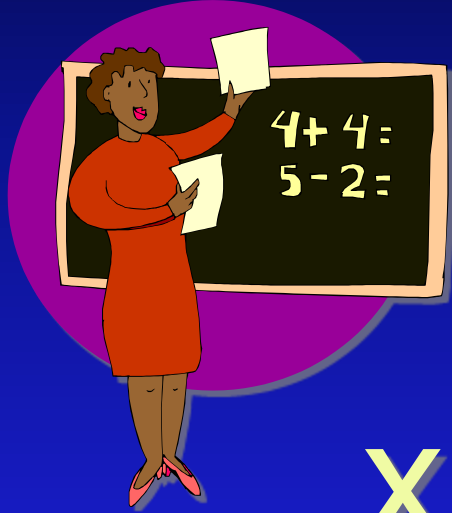
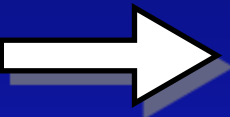
Designing Effective Outreach Programmes for Teachers at CERN

Inspiring the next generation of scientists and engineers

Mick Storr

Head CERN Teacher Programmes
and
Visits Service

Teachers are multiplicative factors



x 1000

School Teacher

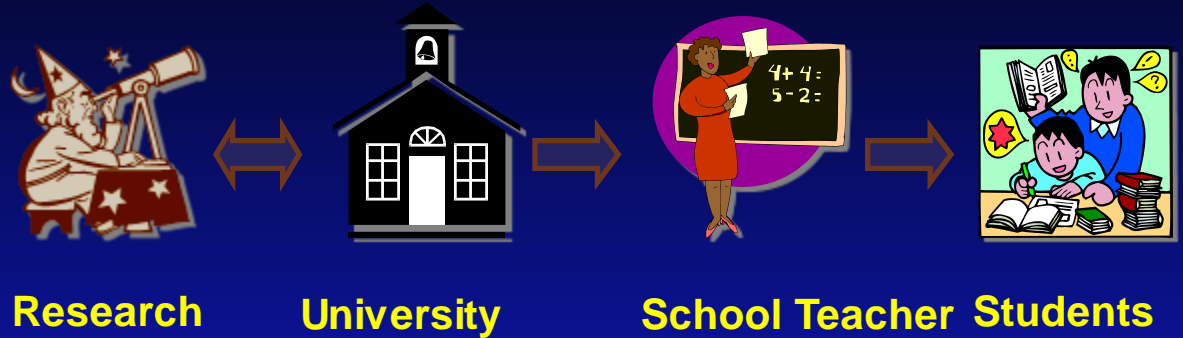
School Students



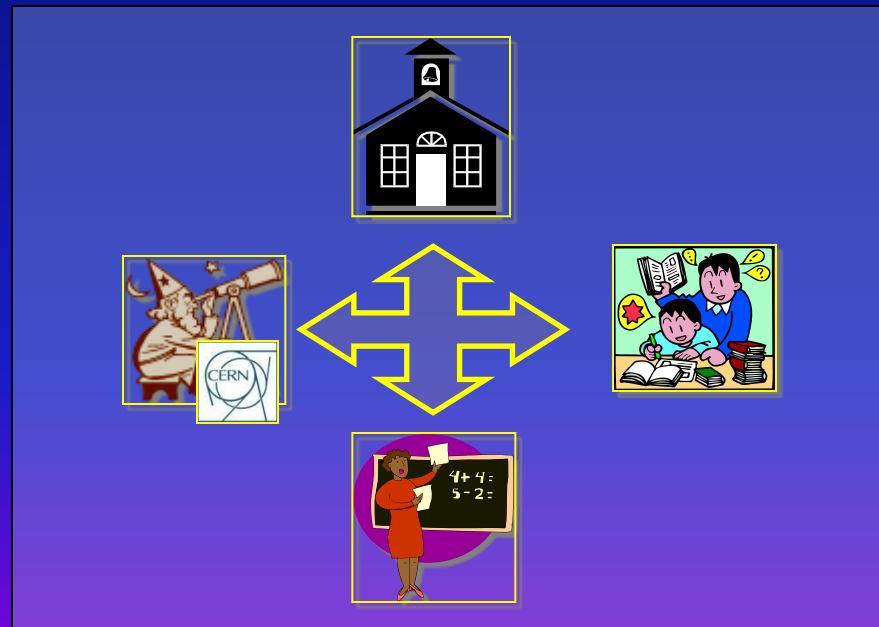
Objective of Teacher Programmes

To bring modern research closer to schools

OLD



NEW





Objectives of CERN Teacher Programmes

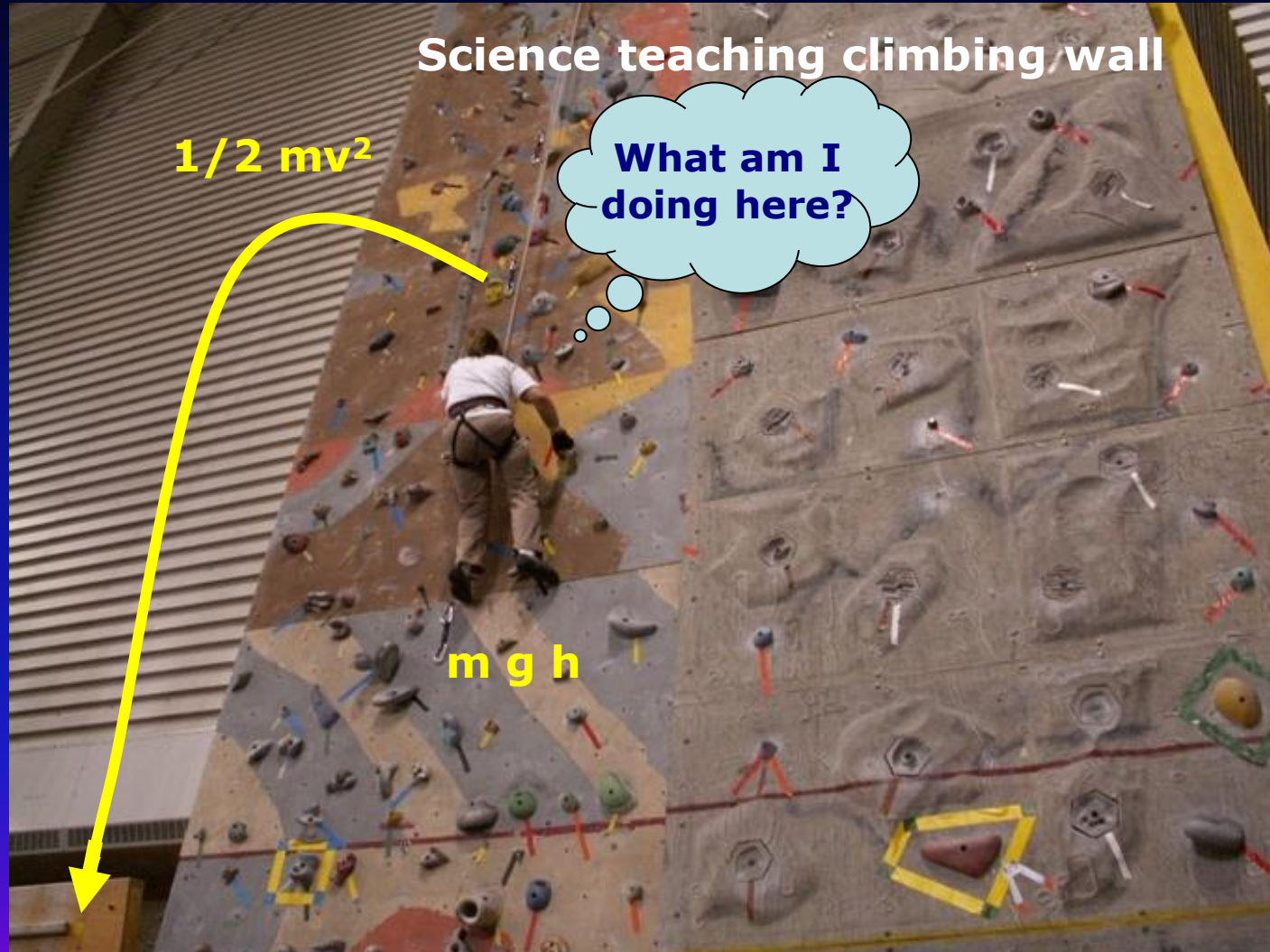
- Pass the message
 - Teachers are our partners and colleagues
- Recognise
 - Teachers hold the future in their hands
- Empower teachers
 - To update, expand and pass on their knowledge
- Facilitate
 - Learning
 - Networking
- Inspire and encourage
- Open and honest
- NOT TO tell teachers how to teach
- Learn from teachers

THANK

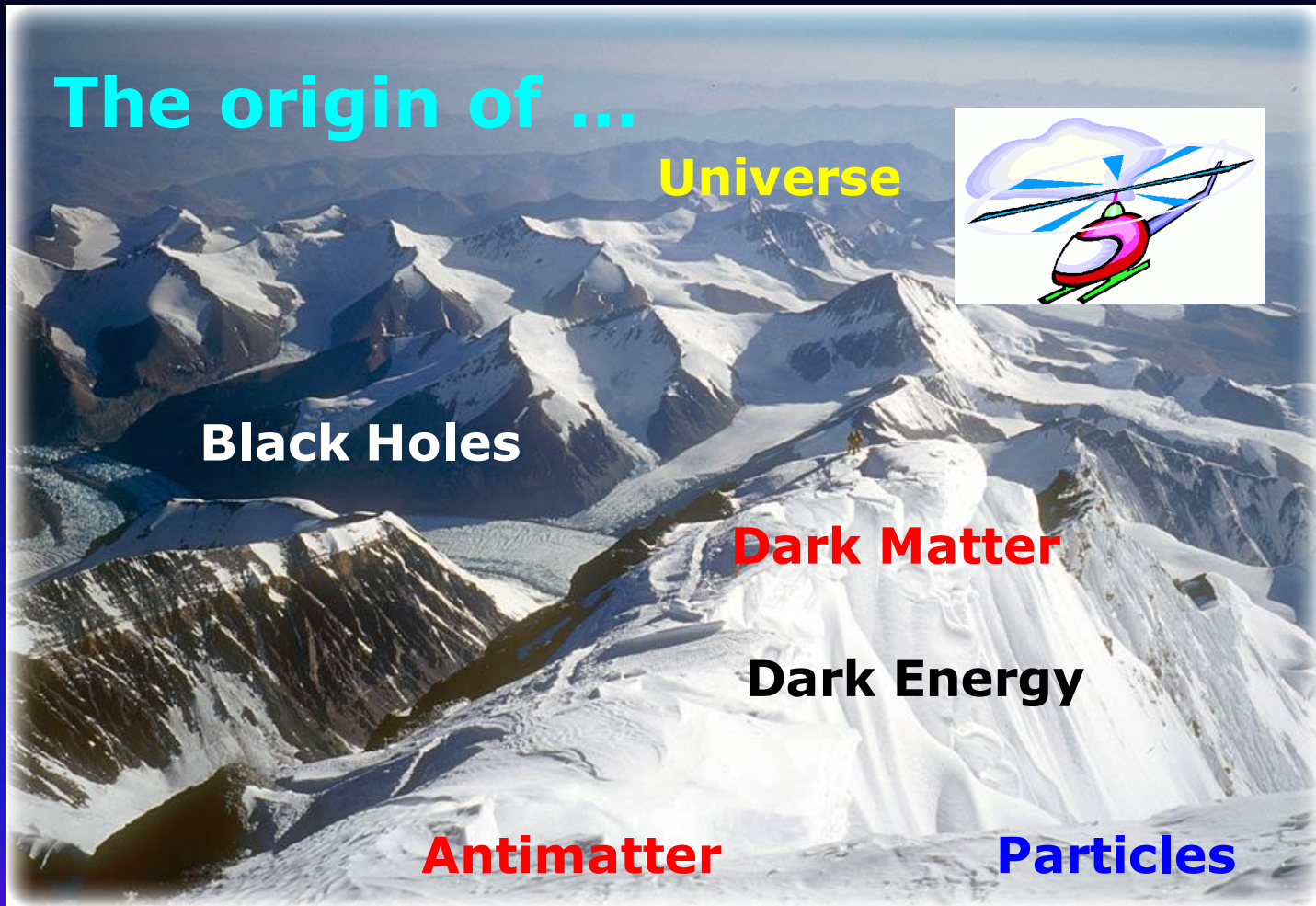
How researchers view science



How school students can view science



Take students on a sight-seeing tour ...



Link modern physics to school curriculum



Outcome

- Newly inspired, motivated and confident teachers
- Inspire and motivate students
- Communicate with their colleagues
- Communicate with the general public
- Act as ambassadors for science/engineering, physics, particle physics, CERN
- Organise follow up activities
 - Visits, exhibitions, video conferences, projects
- Promote teacher programmes
- Help us to expand beyond the borders of CERN

**Excellent examples among
the many teachers who
have attended our
programmes**