

Evaluation of STEM Enrichment Programs for Schools - SSP

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GOOD NEWS

STEM programs reinforce strong interest in science in the region

- Strong engagement/enjoyment by students observed
- Appreciated by principals, teachers, parents
- Programs are well run, fill a gap
- Enrichment programs aid school-wide strategies
- Cross-industry collaboration to 2015



STEM

science • technology
 engineering • math

FINDINGS (eg)

International Benchmarks

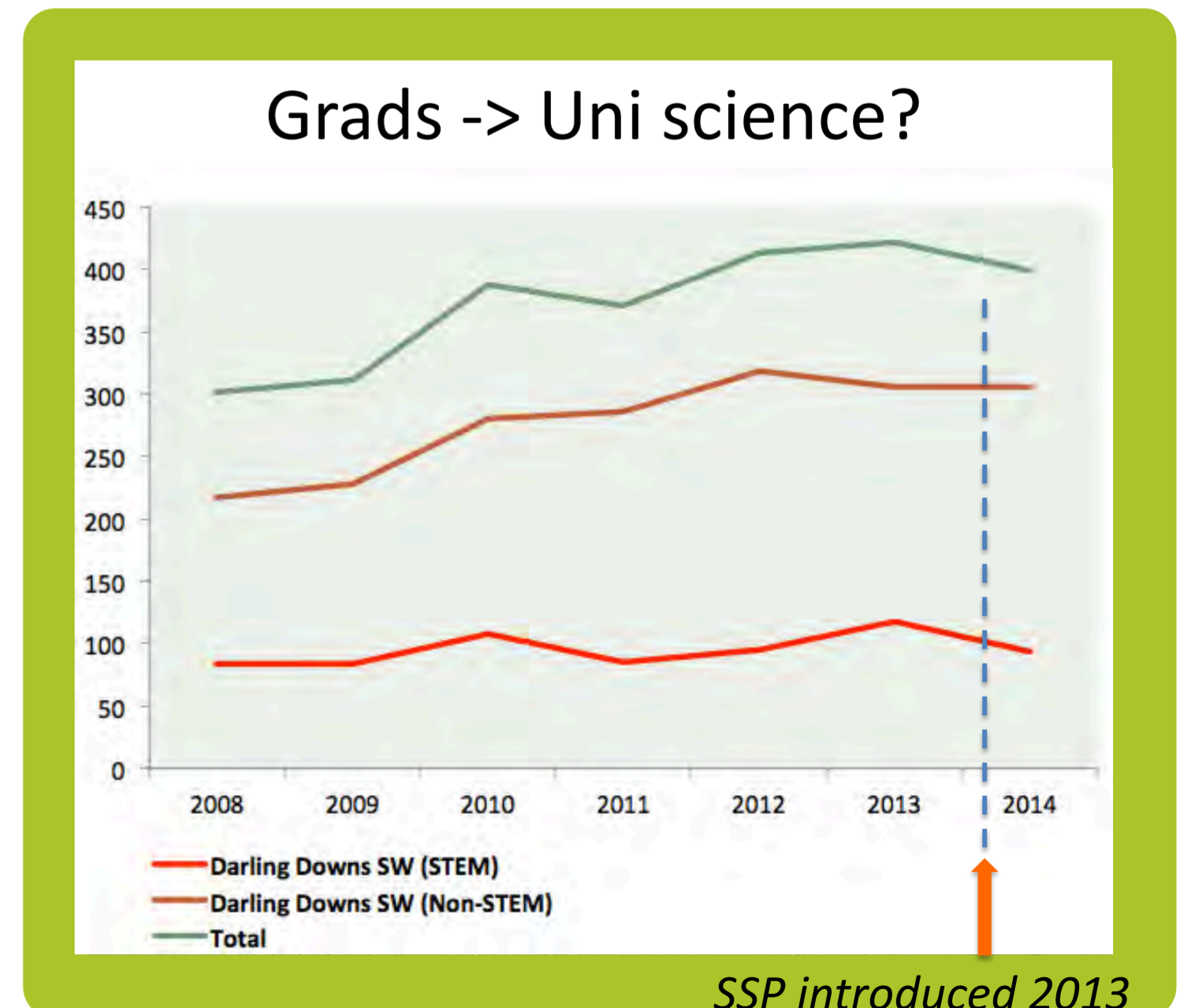
Programs 'ticked the boxes' against international benchmarks – according to interviews of principals, teachers, parents & observation by industry staff.

Key Criteria	Year 5 to Year 6	Year 7 to Year 10	Year 11 to Year 12
Activities' overall aim is to 'stimulate interest'	✓		
Activities are enjoyable	✓	✓	✓
Program is tied to school curriculum & timed to its schedule	✓	✓	✓
Program supports students' confidence / self-belief in STEM subjects		✓	✓
Help students 'make connections'		✓	
Practical learning activities linked to daily life & local context		✓	
Challenge & prepare students for higher education & training			✓
Challenge students via interactive enquiry & problem solving			✓

NEXT STEPS

Update eval'n methods for 2016

1. Track outcomes in target schools
enrolment data, longitudinal assess.
2. Simplify student surveys further
make more concrete
3. Continue site visits by
DET & proponent staff to assess delivery



SSP introduced 2013