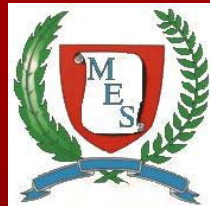


# Performance of O and A level students in Mathematics



Dr H Hurchand

RDO

**Mauritius Examinations Syndicate**

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# Outline

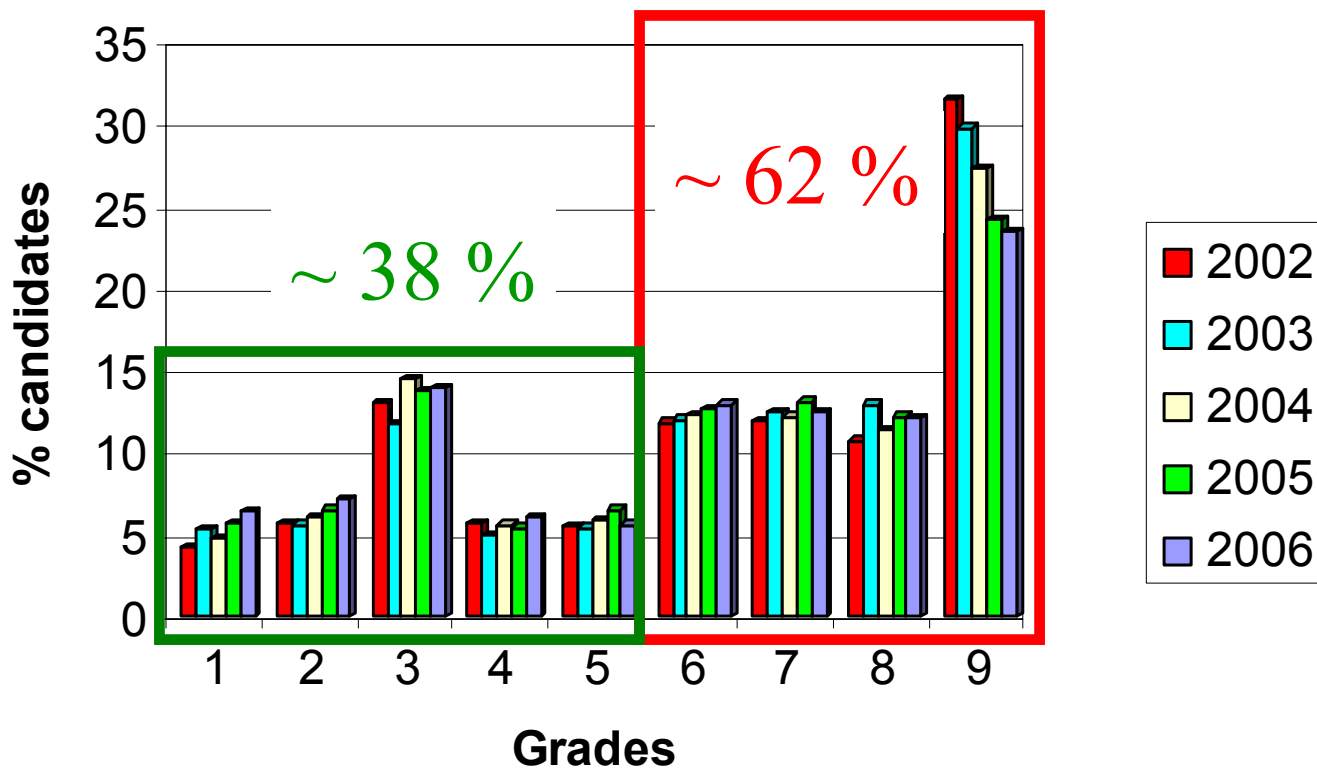
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- **O level**
  - Mathematics
  - Additional Mathematics
  
- **A-Level Mathematics**



# Grade Distribution Mathematics (4029)

## Mathematics 4029 D





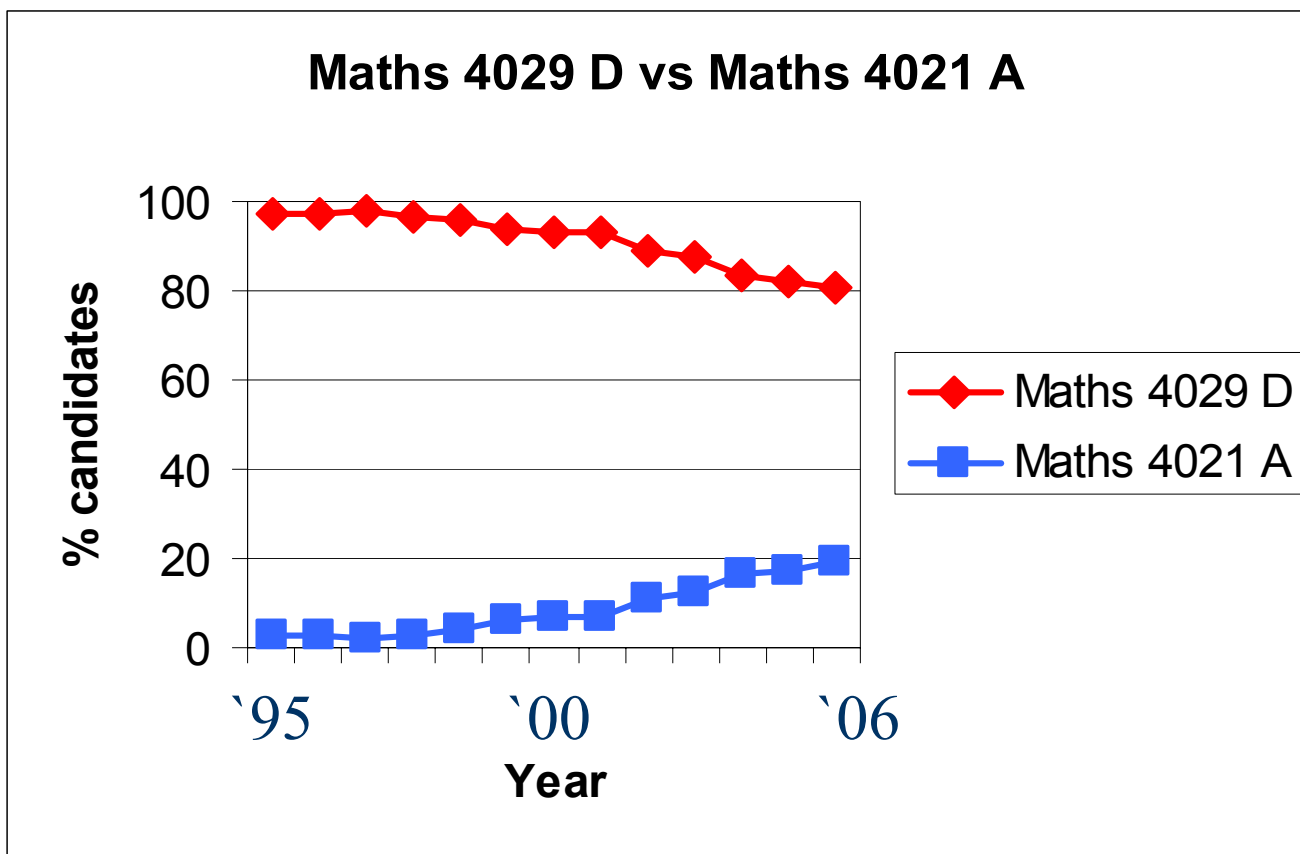
# O-Level Results in Mathematics

- % scoring a credit or better at O-level

Year	Maths 4029 D
2002	45.9%
2003	44.9%
2004	49.1%
2005	50.6%
2006	52.1%



# O-Level: Syllabus A vs Syllabus D



- Increasing number of students are opting for syllabus Maths 4021 A



# Syllabus 4021 A

- **% credit in Mathematics 4021 A**

<b>Year</b>	<b>Maths 4021 A</b>
2002	7.4%
2003	7.7%
2004	11.5%
2005	9.3%
2006	10.9%



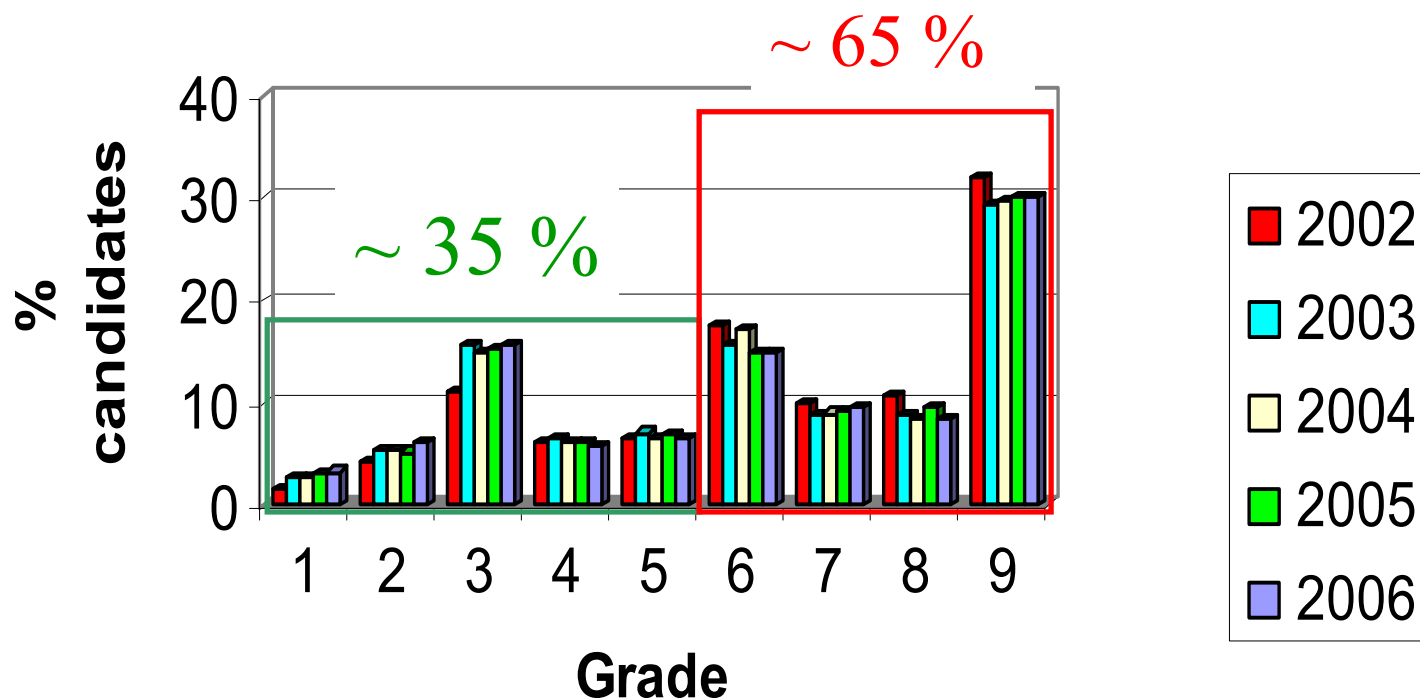
# Additional Mathematics

- **Less than half of the students at O-level take Additional Mathematics.**
- **50% of the candidates who opt for Additional Mathematics score a credit or better in it.**



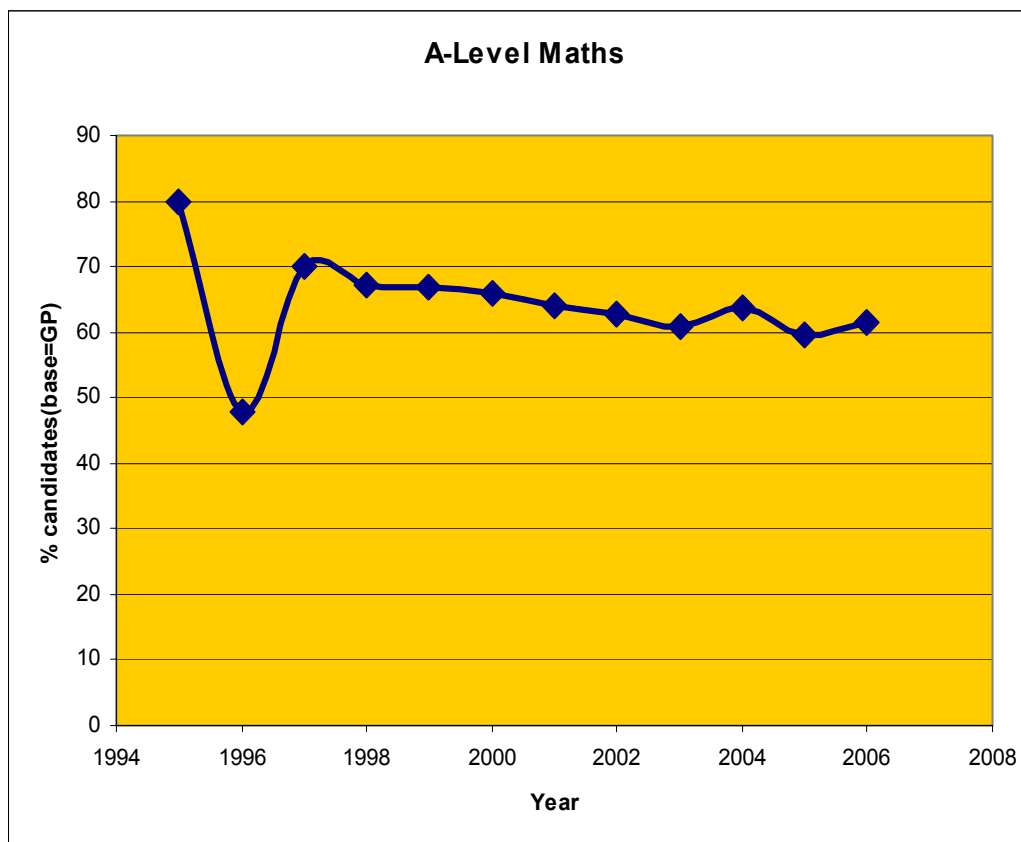
# Grade Distribution Add Maths

## Additional Mathematics





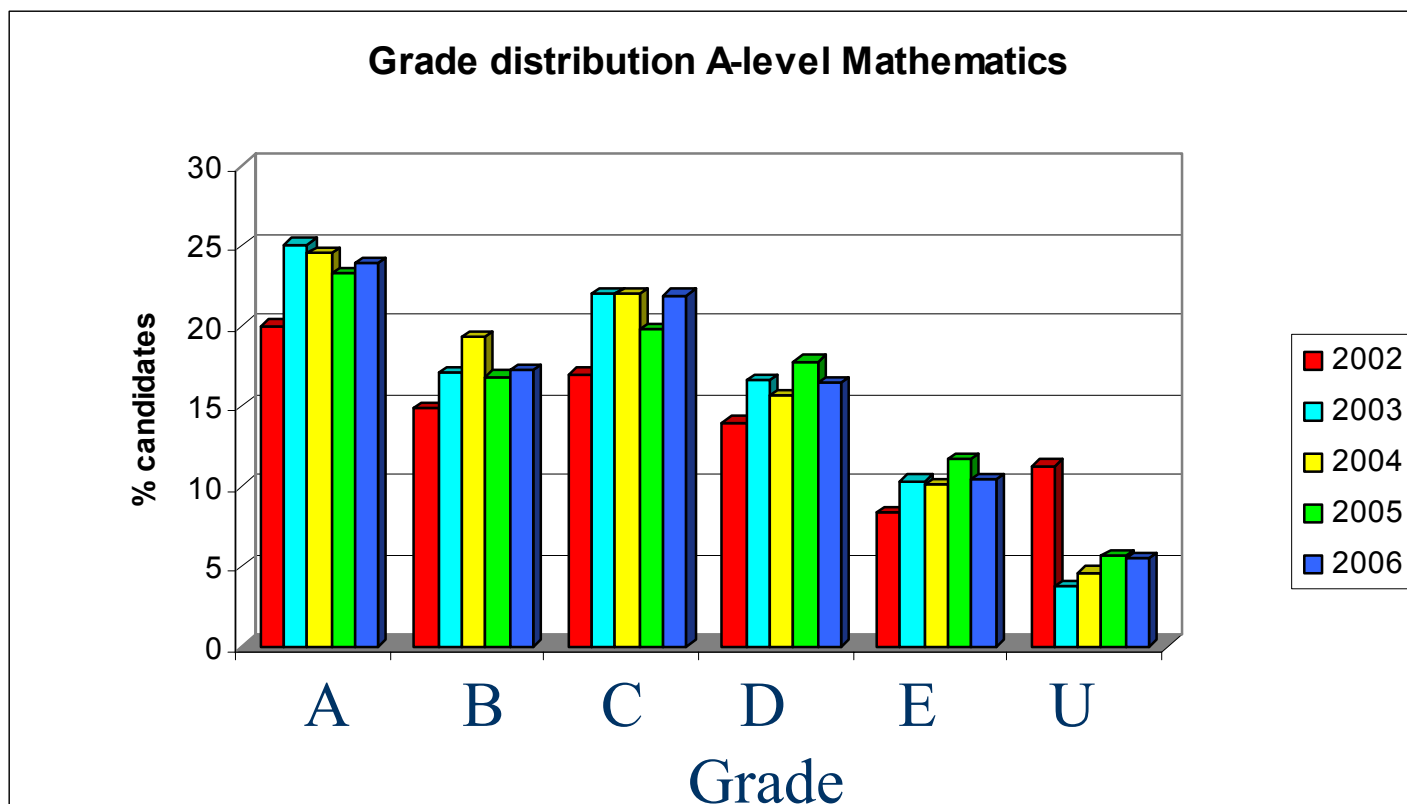
# A-Level Mathematics:Trend



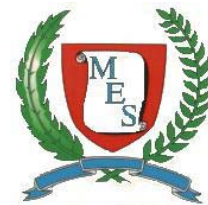
- Proportion of candidates taking Mathematics at A-level



## Grade Distribution (A-Level Maths)



- The proportion of students achieving the upper grades (A,B,C) has sensibly increased this year



## Conclusion

- **There has been some signs of improvement in Mathematics in 2006**
- **Mathematics is perceived as a difficult subject**
- **However, still too few score good enough results in Mathematics to carry on with further studies in a scientific discipline**



# Recommendations

- **Encourage teachers to take into consideration the CIE reports**
- **Students should be made aware of the importance of Mathematics for their further studies**
- **Teachers should be encouraged to employ innovative teaching strategies.**
- **Learning of Mathematics should be made more enjoyable to students**



# Recommendations

- **Students having problems in Mathematics should be taken care of at an early stage**
- **Creation of a Mathematics Support Center**
- **Students who are good in Mathematics should be encouraged to help others**