



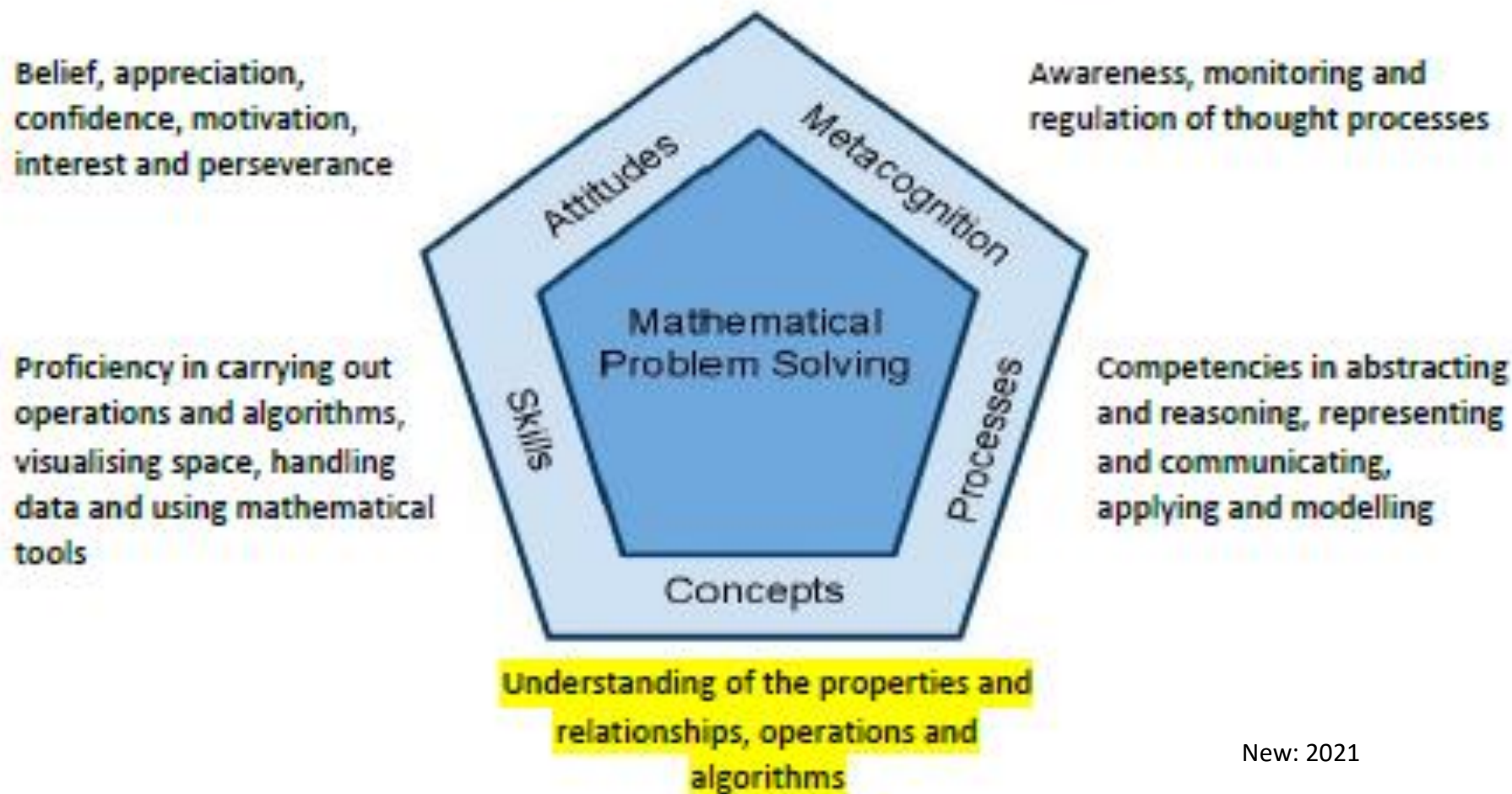
Mathematics

Primary 4



SINGAPORE MATHEMATICAL FRAMEWORK

Mathematics Curriculum Framework



New: 2021



Key Department Approaches & Programmes

- Sustained Support for Maths (SSM)
- Factual Fluency
- Note Taking
- STAR Heuristics Package (STAR Hpack)
- Enrichment **(For selected students only)**
 - Mathematics Olympiad Training (Semester 1)
 - Maths Excellence 2000 (E2K) Programme

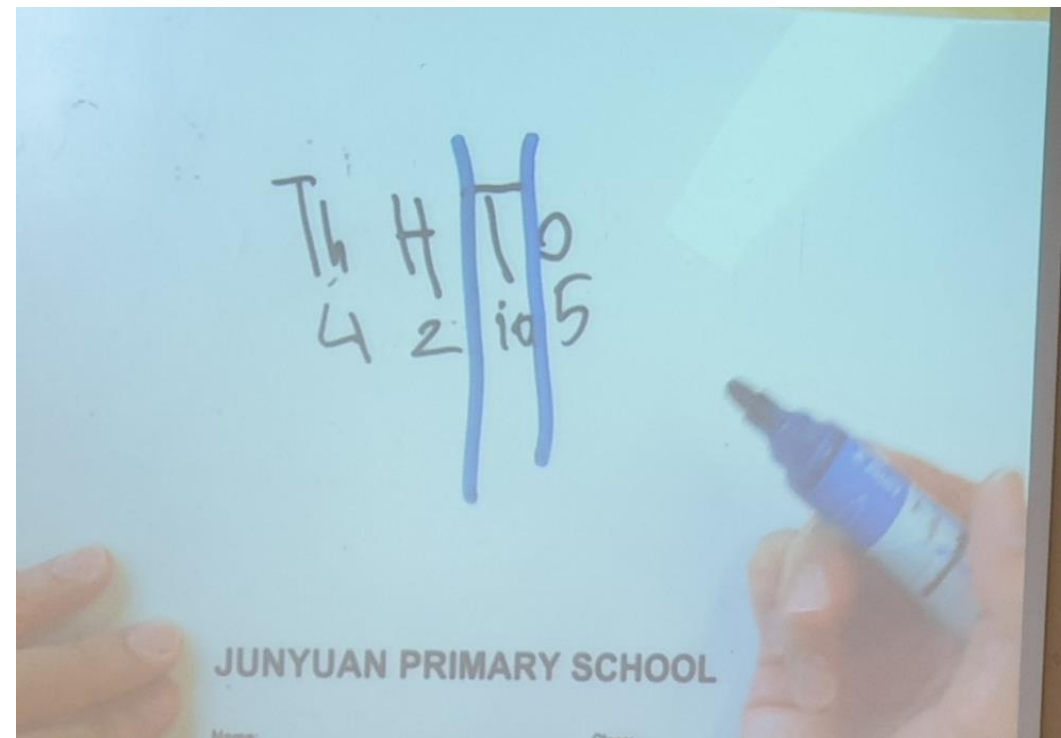
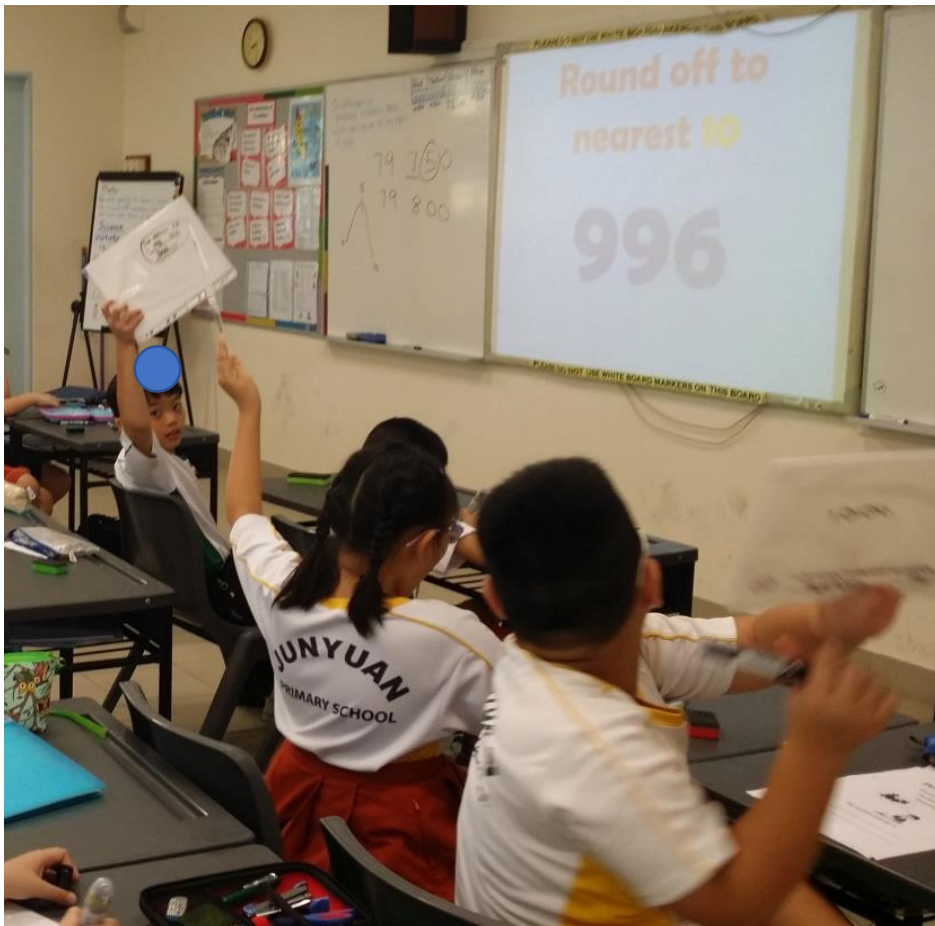


Sustained Support for Maths (SSM) Activity - based lessons





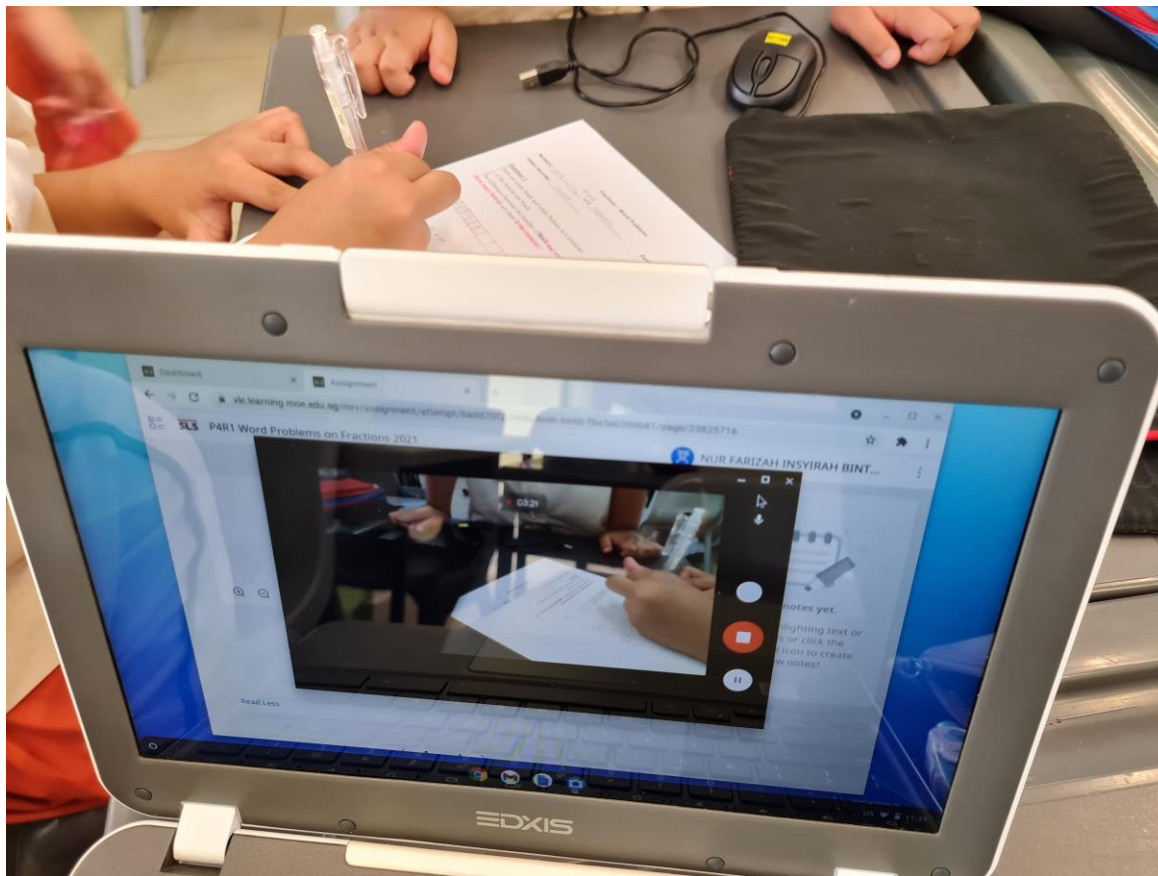
Sustained Support for Maths (SSM) Factual Fluency

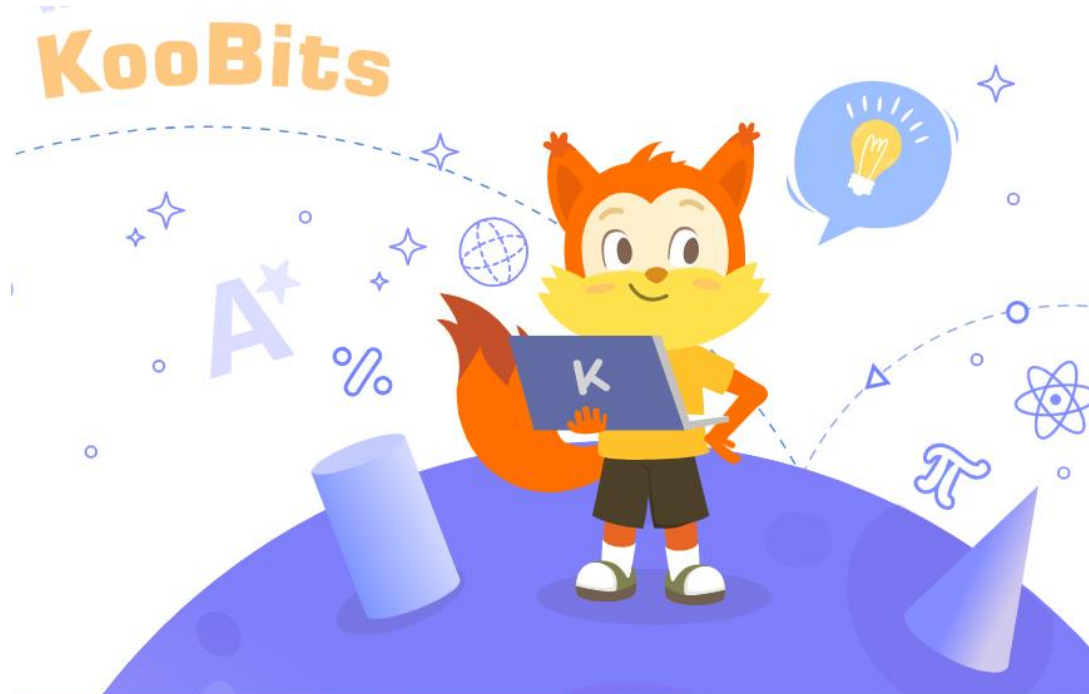


Pictures were taken pre-Covid



Sustained Support for Maths (SSM) ICT - based lessons





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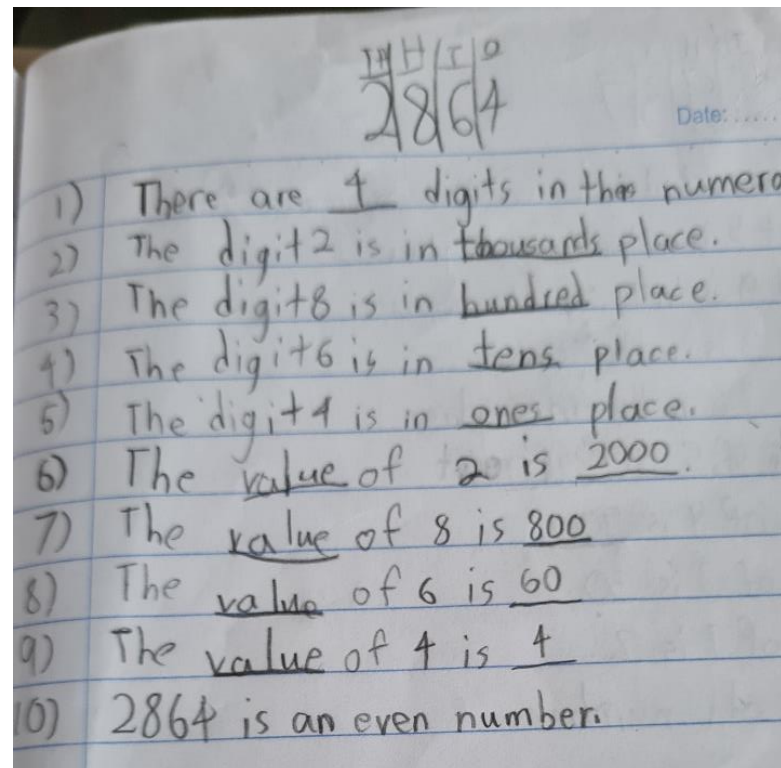
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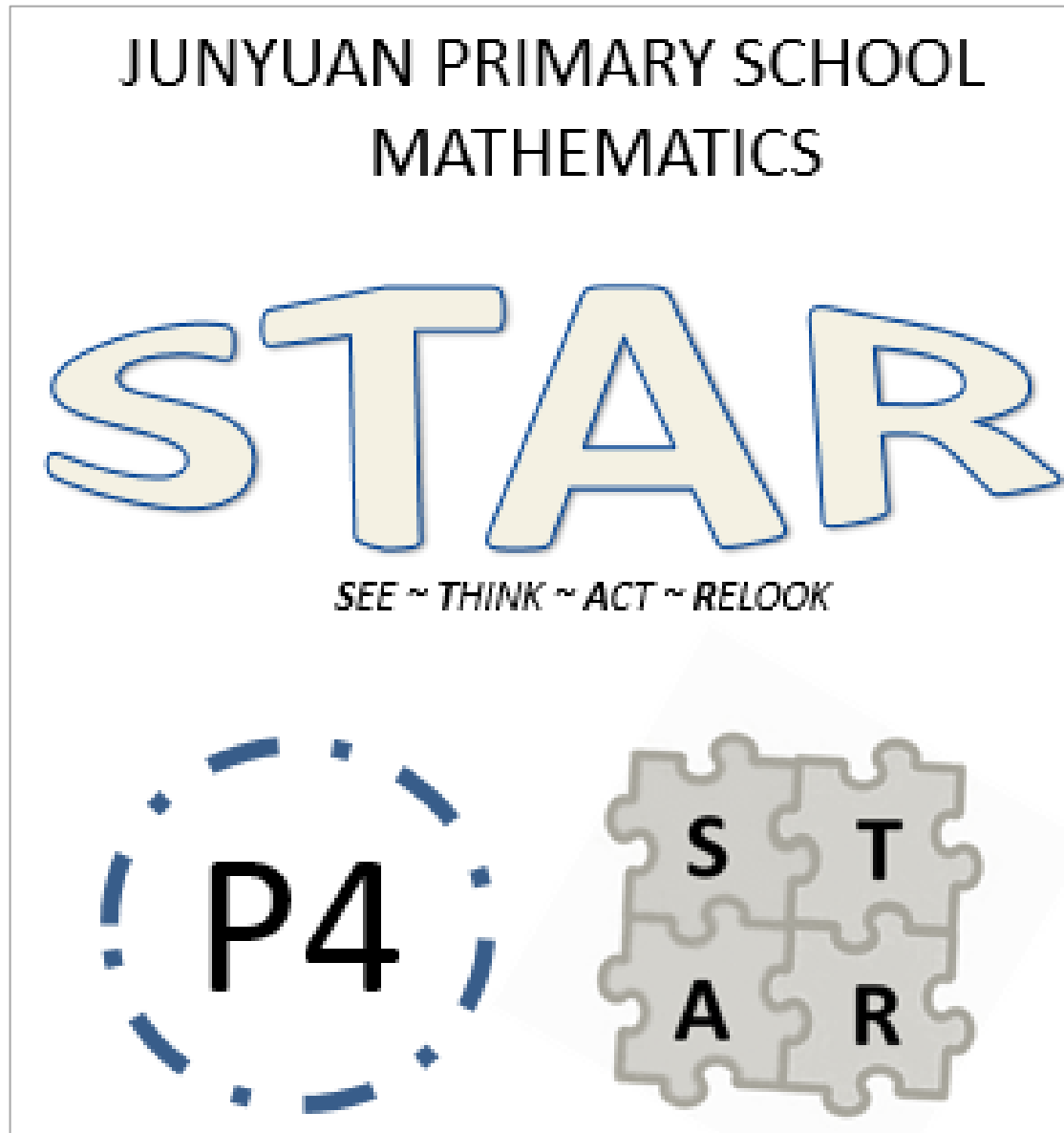
Note Taking

Teachers will get students to take down important Maths concepts and notes.
The exercise book used for the notes should be brought to school daily.





STAR Heuristics Package (STAR Hpack)





STAR

Approach in Problem Solving



See what is given



Think of a plan



Act on my plan



Relook and check



Examples of Heuristics

- **Model Drawing**
- **Guess and Check**
- **Work backwards**
- **Restate the problem**



Assessment



Format of Assessment

Section	Item Type	Number of Questions	Allocation of Marks per Question	Weighting	Duration
A	MCQ	15	2 marks	30%	1 h 45 min
B	SAQ	21	2 marks	42%	
C	LAQ	8	3 to 4 marks	28%	



Topics at P4

Numbers to 100 000

Factors and Multiples

Four Operations of Whole Numbers

Tables and Line Graphs

Fractions (I and II)

Angles

Rectangles and Squares

Decimals

Four Operations of Decimals

Pie Charts

Area and Perimeter

Nets

Symmetry



Supporting our Students

- Relate Maths to daily life.
- Actively engage in school's online platforms e.g. Koobits
- Help them to memorise multiplication tables
- Encourage your child to ask questions
- Refer to textbooks / Mathematics Handbook (Orange file) / own notes taken during lessons



Online Maths Alive! Workshop for parents (via Zoom)

Save the date!

19 April 2024

Details will be sent via PG nearer
the date



Primary 4 Curriculum Briefing 2024 - Frequent Asked Questions

Q: Should worksheets and textbooks from previous years be kept?

A:

The Mathematics syllabus is a spiral curriculum. The concepts that students learn in the current year is build-on from previous years. It is, therefore, advisable for students to retain the notes and textbooks from the previous years for revision purposes.



*Thank
You!*