

MATHEMATICS

The reasoning approach

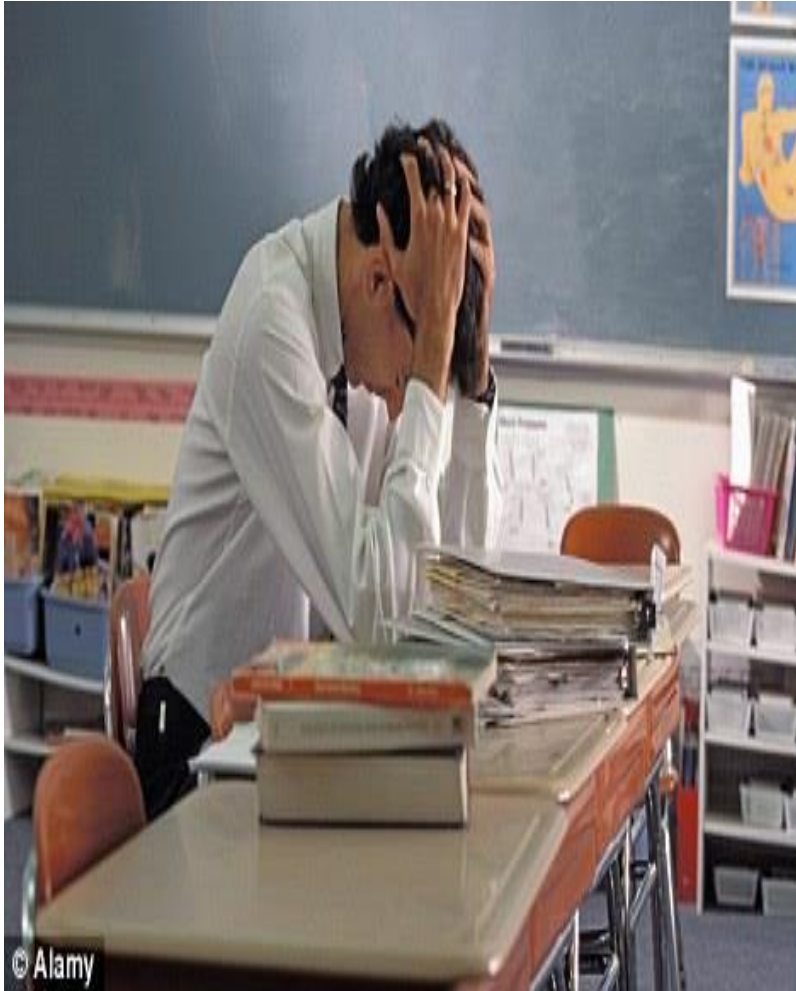
MARIA REGINA COLLEGE

NAXXAR PRIMARY SCHOOL

Owen Camilleri
Jeanette Muscat
Diane Camilleri



TEACHERS' MAIN CONCERN ...



E
X
A
M
S

New approaches in teaching Mathematics

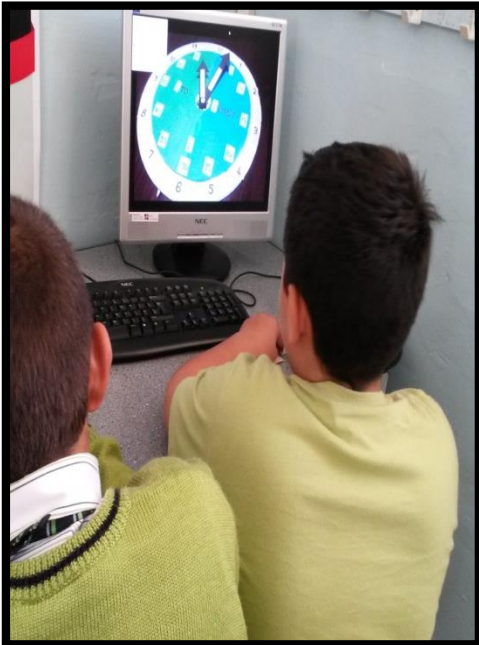
Main area in Naxxar Primary's SDP



NEW

B
U
Z
Z

W
O
R
D
S



Questioning Techniques



Sharing of Ideas and Good Practice



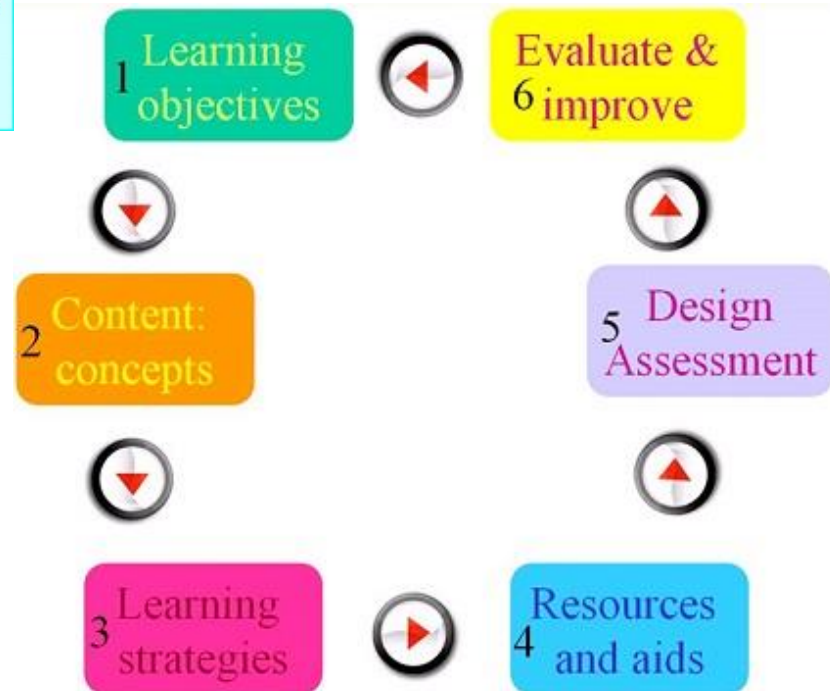
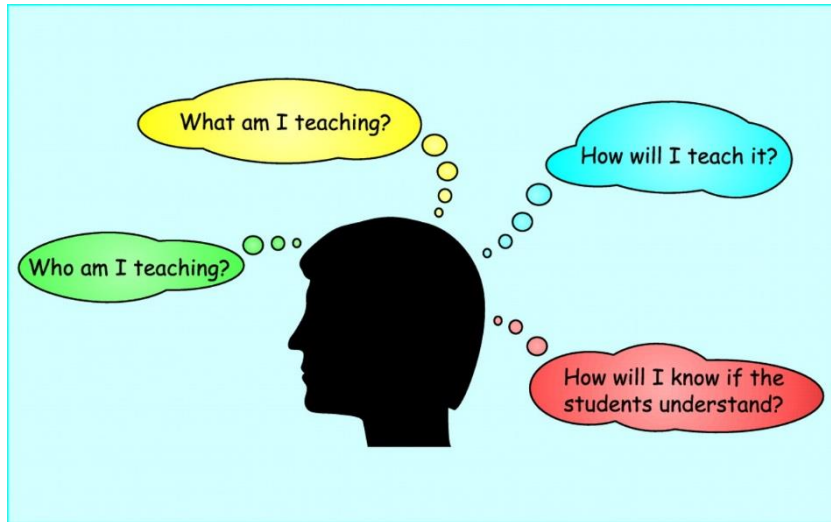
Scheme of Work

- ✓ ABACUS - just a tool
- ✓ Maths Packs
- ✓ Investigations
- ✓ Maths Trails
- ✓ Hands-on Activities
- ✓ Links to other subjects/areas
- ✓ Continuous Revision
- ✓ RLOs

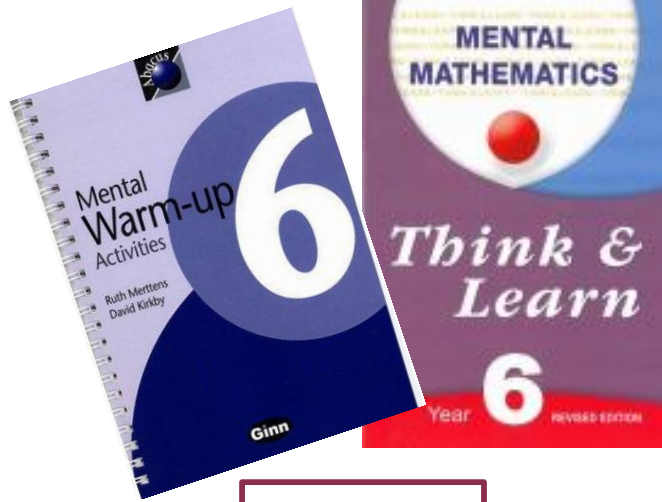
“Mathematics may not teach us how to add love or minus hate. But it gives us every reason to hope that every problem has a SOLUTION”

www.relatably.com

Good Planning of Lessons



Mental Warm up



books

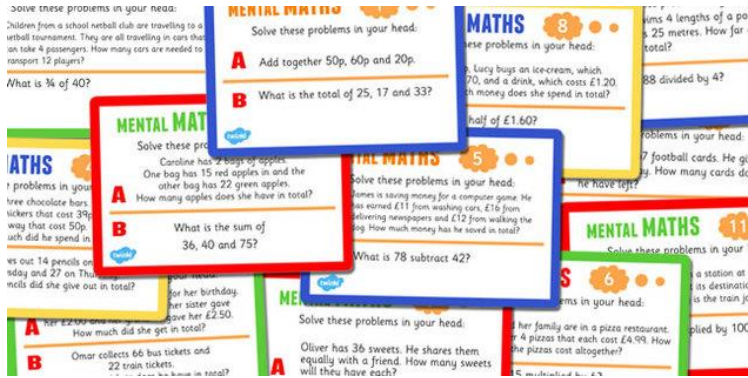


Mini-whiteboards

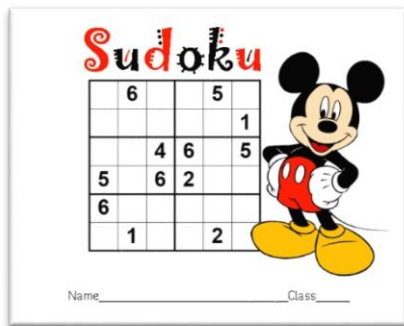
cards

I have 121	Who has $6 \times 8 ?$	I have 48	Who has $5 \times 5 ?$
I have 25	Who has $9 \times 4 ?$	I have 36	Who has $3 \times 3 ?$

Mental Warm up



Sudoku

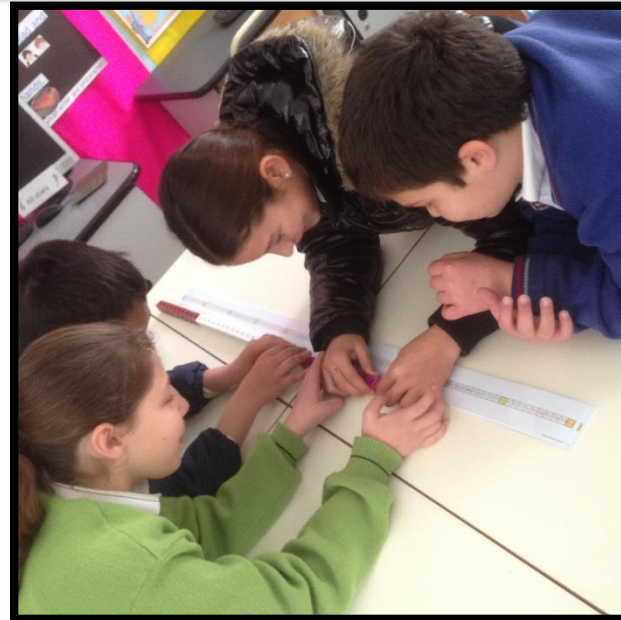


Solve problems in your head!

Super T



Hands-on experiences



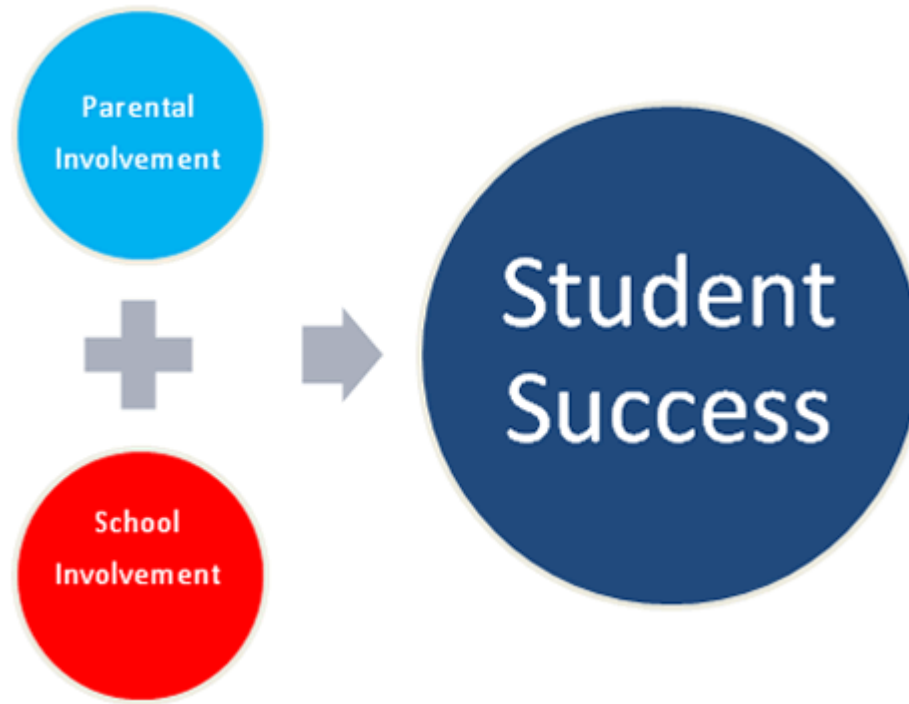
Hands-on experiences



Hands-on experiences



Parental involvement



Good Practice



**Symmetry
Exploring with
mirrors**



INVESTIGATIONS



Measuring in a
different
manner
The Foot Span

Measuring Length of objects using The Hand Span





Let's use Paperclips
to measure



Pro Bots

Enhance Mathematical
Problem Solving and Investigation



Learning Beyond The Classroom



**Teamwork and Problem-Solving Activities
In Maths Trails**

Teamwork

The Discus Throw



Hands-On Activities
challenge pupils to develop strategies
for solving real life problems
and improve their
Mathematical Thinking
not simply their
Observational Skills.

THANK YOU