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THE MATHEMATICAL
ASSOCIATION OF VICTORIA

Continuing creative and critical thinking into mathematics in the early years classroom

Jennifer Bowden

Warm Up



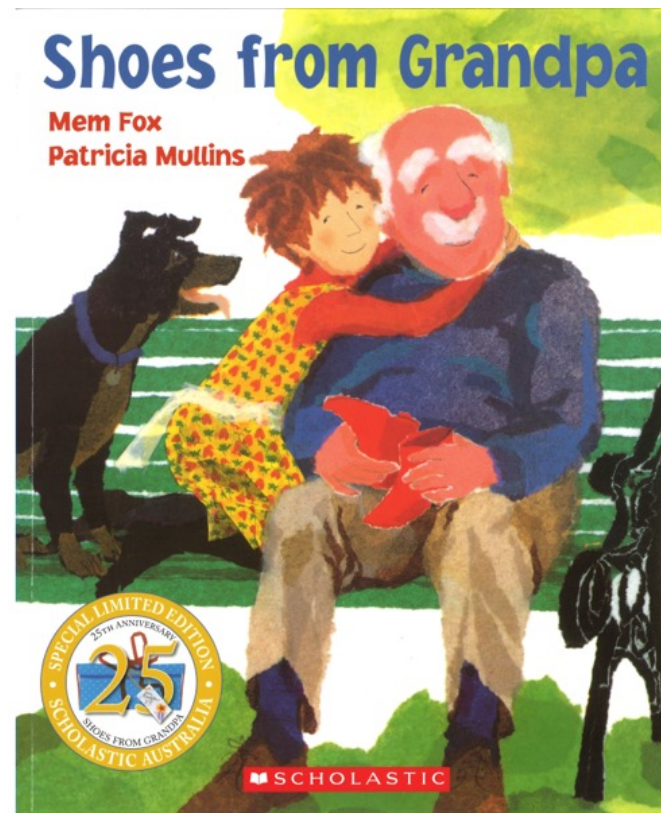
Aims



Critical and creative thinking capability aims to ensure that students develop:

- understanding of thinking processes and an ability to manage and apply these intentionally
- skills and learning dispositions that support logical, strategic, flexible and adventurous thinking
- confidence in evaluating thinking and thinking processes across a range of familiar and unfamiliar contexts.

Shoes For Grandpa



Variance



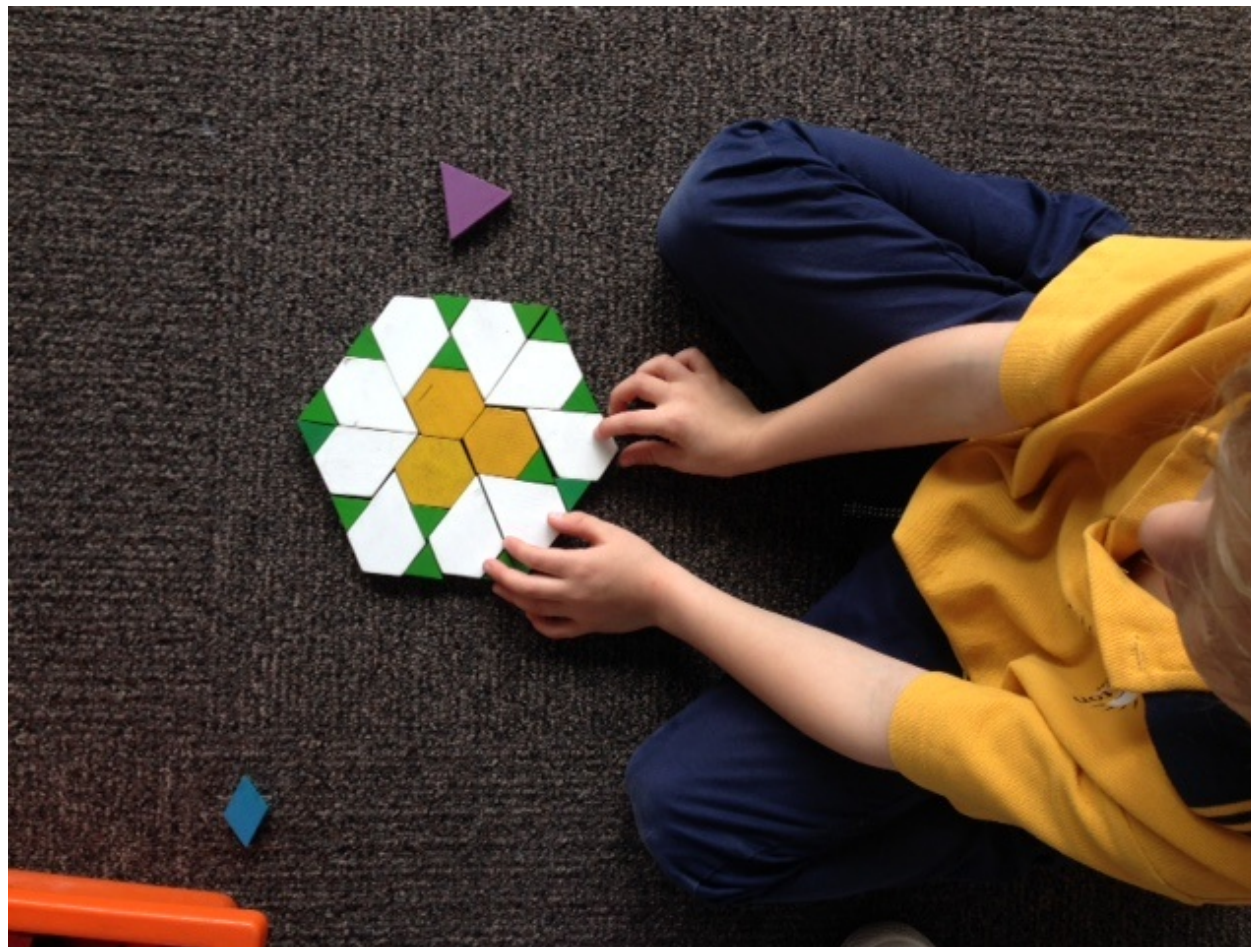
Play based pedagogies

Play based pedagogies Miller and Almon (2009)



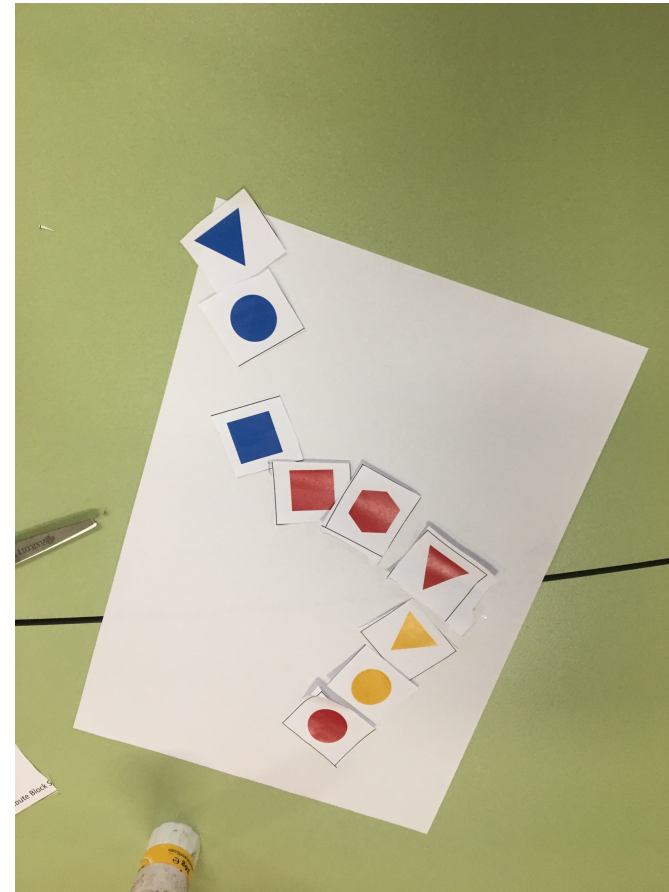
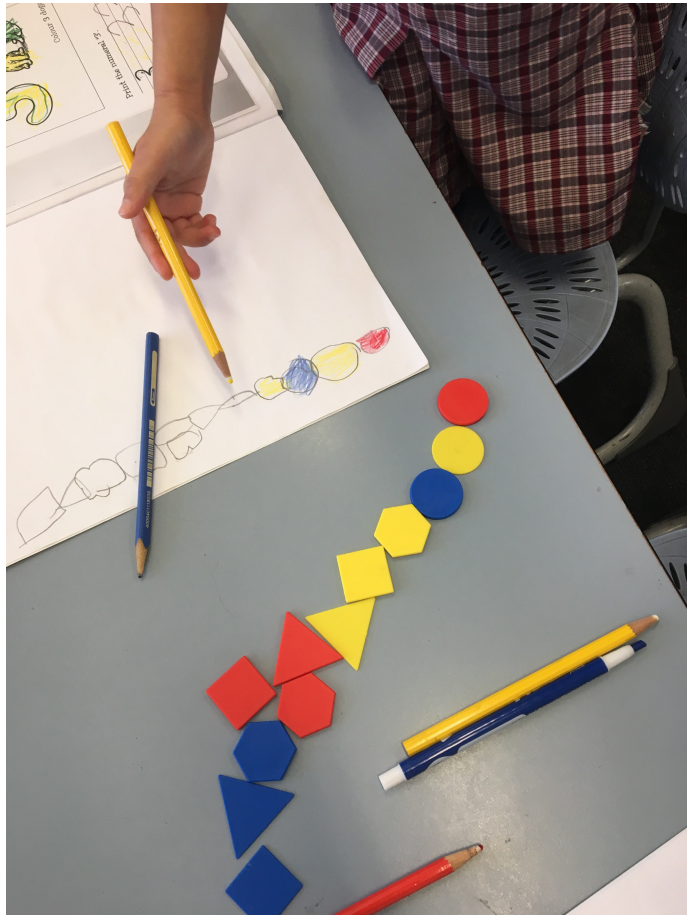


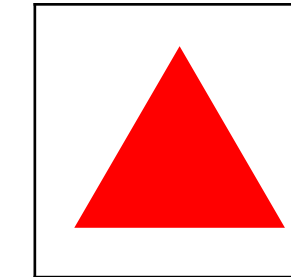
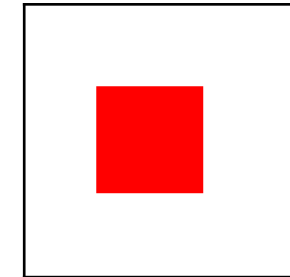
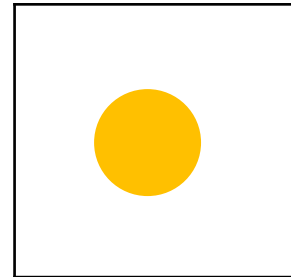
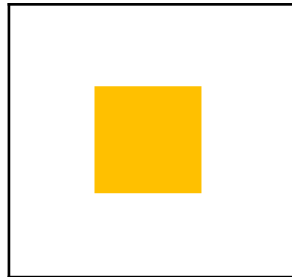
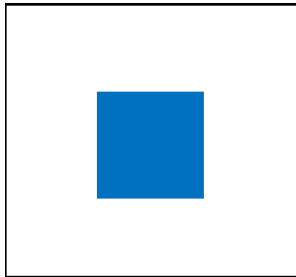
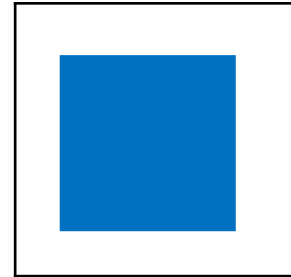
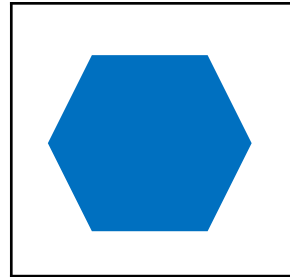
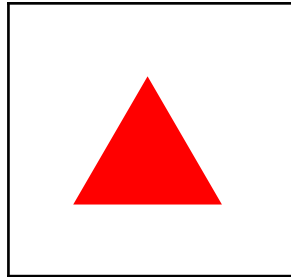
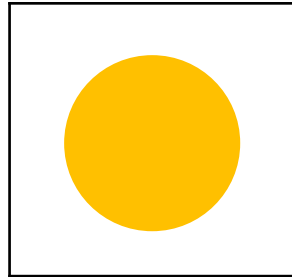
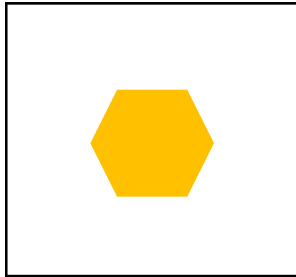
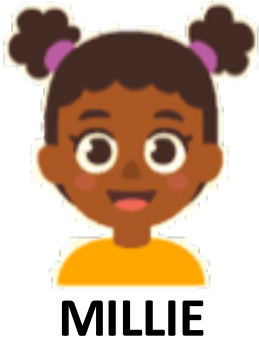
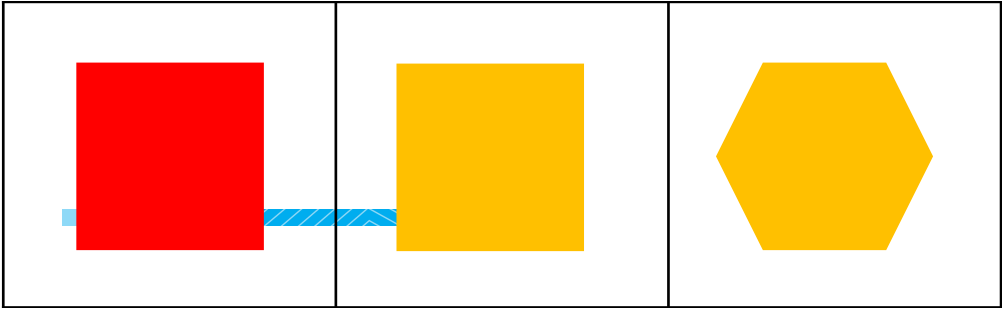


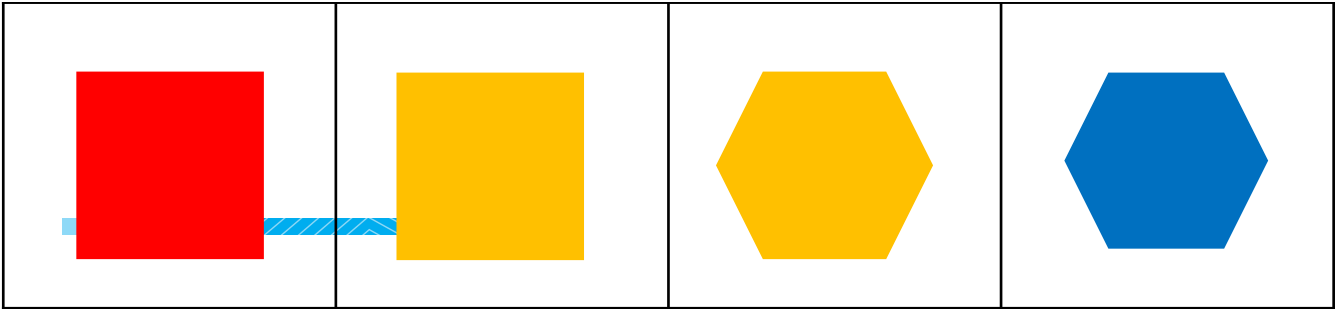




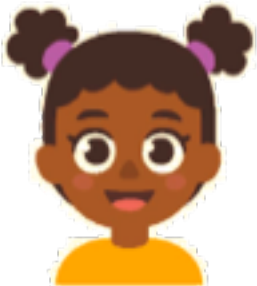
Attribute Trains



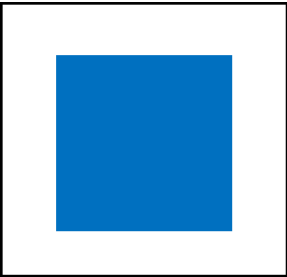
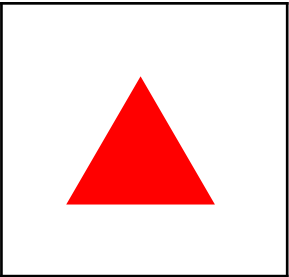
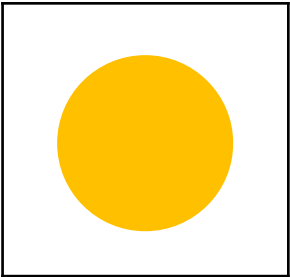
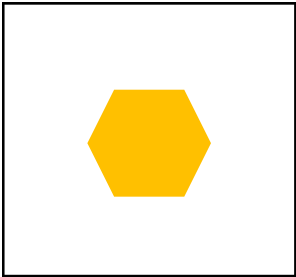




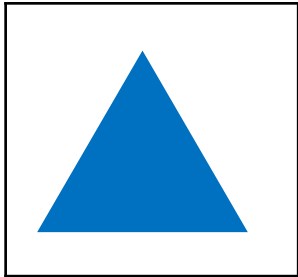
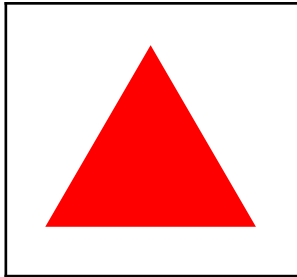
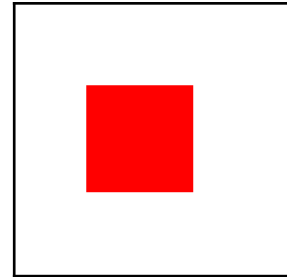
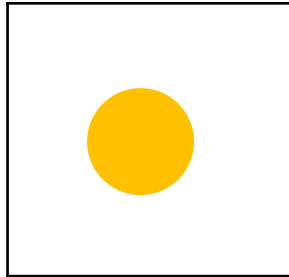
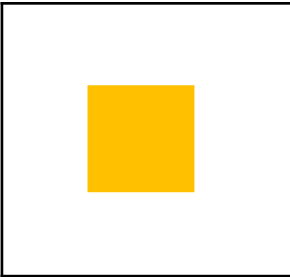
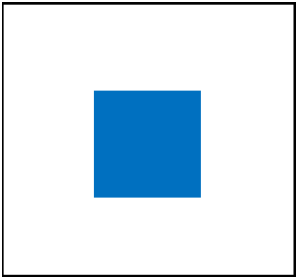
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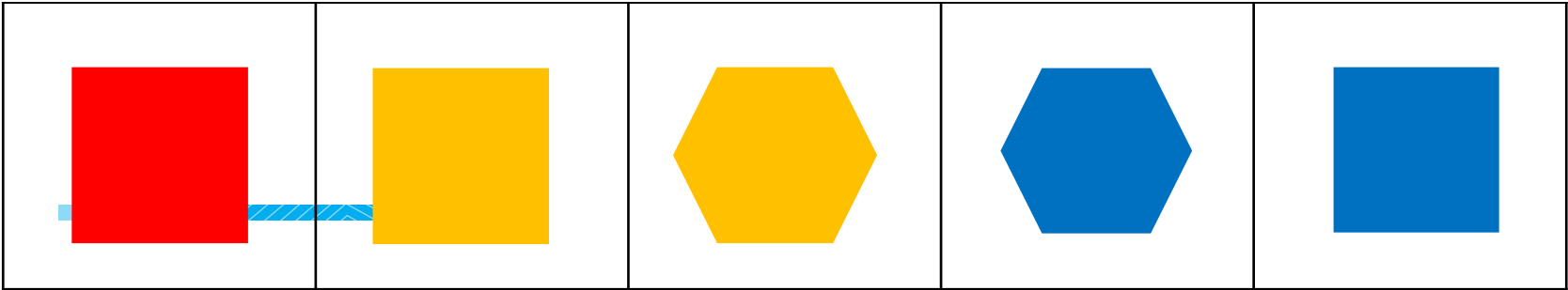


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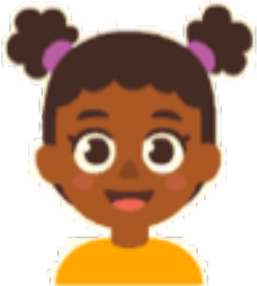


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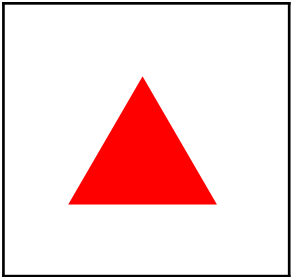
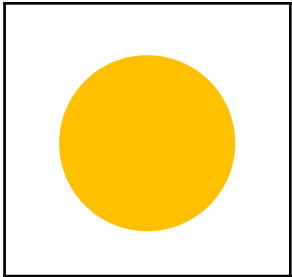
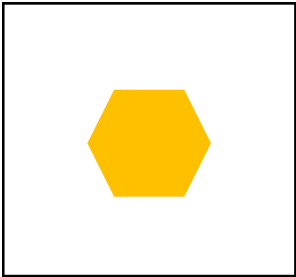




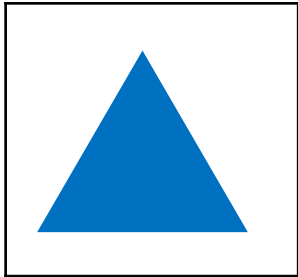
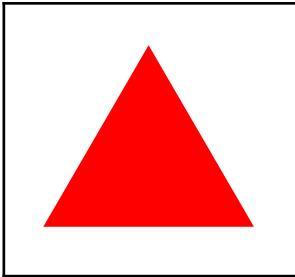
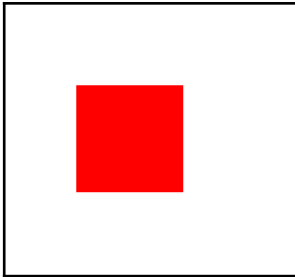
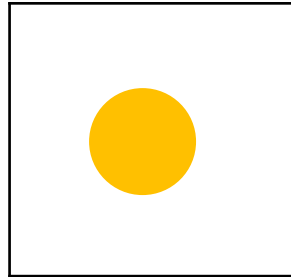
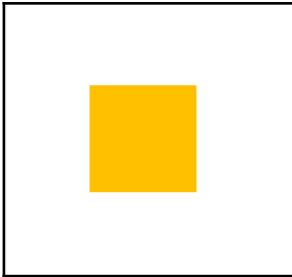
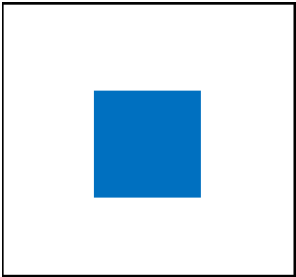
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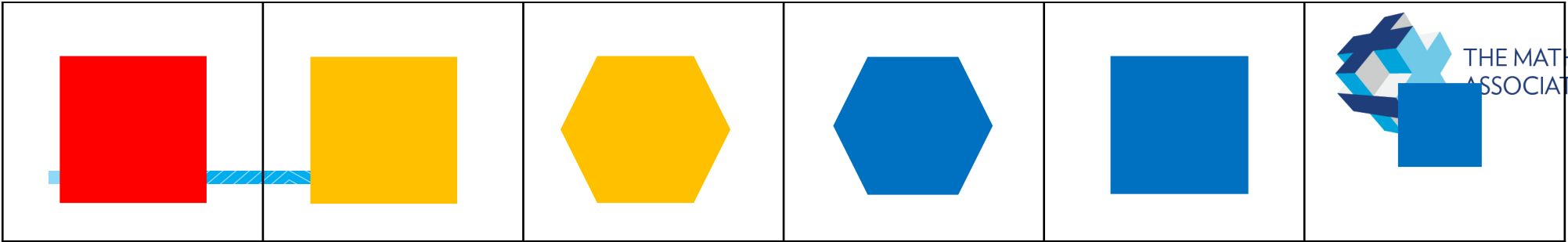


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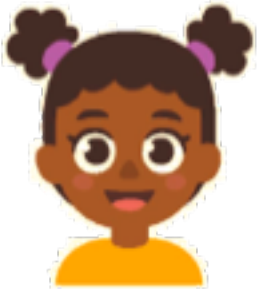


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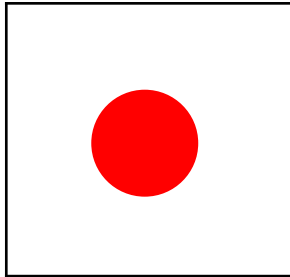
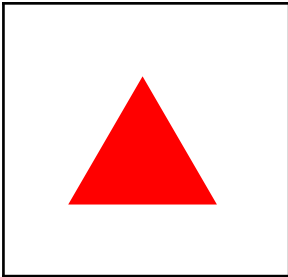
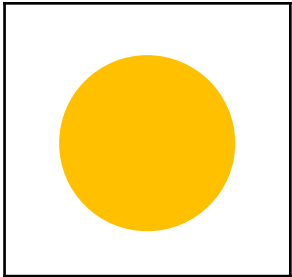
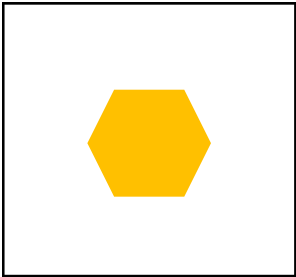




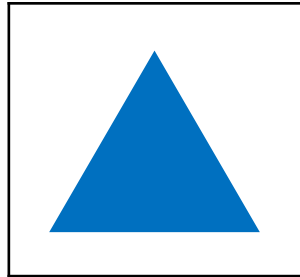
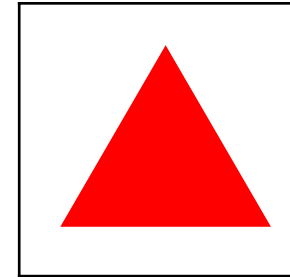
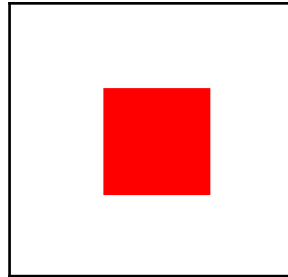
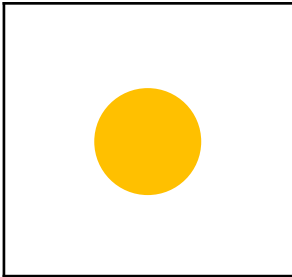
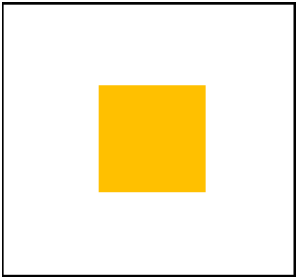
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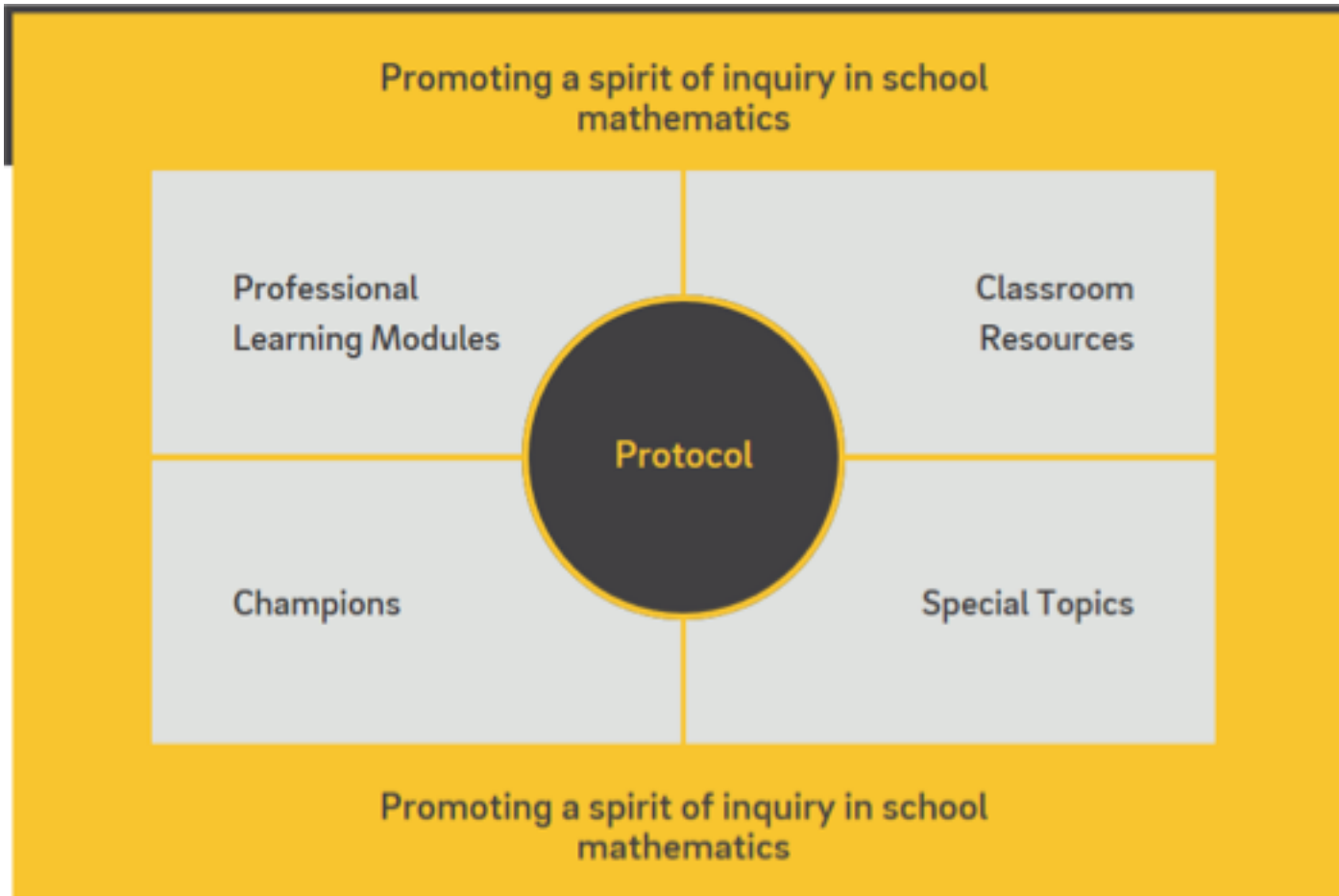


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