Inquiry-based resources for the IB Primary Years Programme
Fully supporting the PYP approach, these inquiry-based resources provide comprehensive coverage of the PYP Mathematics Scope and Sequence:

- Cover the five strands of Number, Pattern and Function, Measurement, Shape and Space, and Data Handling using the PYP methodology of constructing, transferring and applying meaning
- Build mathematical knowledge and skills and explore the PYP transdisciplinary themes via the Student Books’ inquiry-based activities that are rooted in relevant, real-life contexts
- Provide additional opportunities to consolidate mathematical knowledge and skills through the Practice and Mastery Books – helping learners to grow in confidence and independence
- Draw on a wealth of additional teaching support, including planning suggestions, assessments, worksheets and answers, via the accompanying Teacher Books

Guided, independent and extended learning activities progressively build understanding

UNIT 1: TOPIC B
Understanding addition and subtraction facts

If we remember some things, we can work out other things.

- Write and remember these addition facts:
  a. 4 + 5
  b. 2 + 0

- Write these addition and subtraction facts from memory:
  a. 7 + 5
  b. 5 + 8

Let’s look at some ways to help you learn addition and subtraction facts:

- Use near doubles:
  6 + 7 = 7 + 6
  7 + 5 = 5 + 7

- Use addition to solve:
  16 + 4 = 9 + 7
  10 + 6 = 16

Independent practice:

- On a separate piece of paper, complete the addition facts as quickly as you can.

Guessed, independent and extended learning activities progressively build understanding

UNIT 4: Patterns and algebra

Activity sheet:

- Potential difficulties:
  
- Identifying patterns

Guided practice:

- Write and remember these addition facts:
  a. 4 + 3
  b. 2 + 0

- Write these addition and subtraction facts from memory:
  a. 7 + 5
  b. 5 + 8

- On a separate piece of paper, complete the addition facts as quickly as you can.

Reinforcement activities support and extend learning

- Write and remember these addition facts:
  a. 4 + 3
  b. 2 + 0

- Write these addition and subtraction facts from memory:
  a. 7 + 5
  b. 5 + 8

- On a separate piece of paper, complete the addition facts as quickly as you can.

Suggested for individual, group and class activities support planning

Pre- and post-assessments help to measure progress

Oxford Mathematics Primary Years Programme Student Book 3

Oxford Mathematics Primary Years Programme Teacher Book 6

Oxford Mathematics Primary Years Programme Student Book 2

Oxford Mathematics Primary Years Programme Practice and Mastery Book 5
<table>
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<tr>
<th>Year</th>
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<th>Practice and Mastery Books</th>
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For more information:
www.oxfordprimary.com/pyp-mathematics

For digital and print evaluation copies:
www.oxfordprimary.com/evaluate-pyp-mathematics

For support from your local Education Consultant:
www.oxfordprimary.com/contact-us