

Preview:

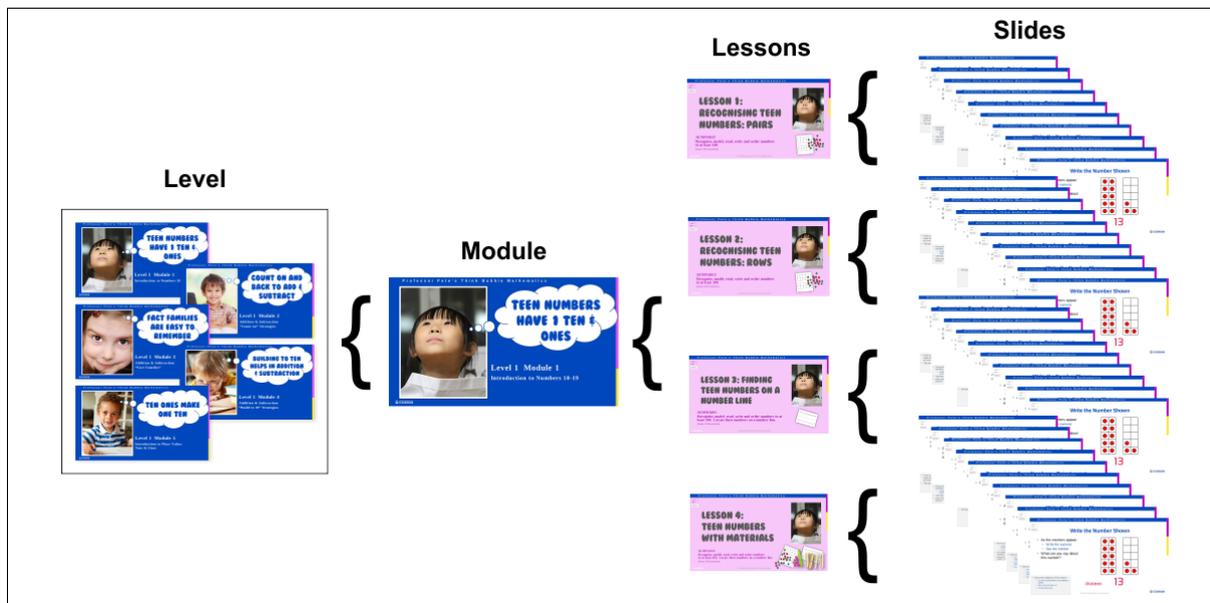
THINK BUBBLE MATHEMATICS

LEVEL 4

What is Think Bubble Math?

Think Bubble Mathematics is a completely new program of innovative resources for teaching K-6 mathematics, based on the idea of helping students to visualise the mathematics they are learning via animated images and text.

Each TBM level includes Modules based around selected curriculum topics. Each Module is contained in a single PowerPoint show file, and is made up of several Lessons, made up of slides:



Many Modules include accompanying worksheets which match the PowerPoint slides, making it easier for students to record their answers to selected questions on the slides.

Purchasers are sent an email containing all links required to download the Think Bubble Mathematics files, including the supporting worksheets.

Selected Slide Previews:

Module Title

Sample Slide Preview

Multiplication Facts Strategies I [PowerPoint TBM401]

Professor Pete's Think Bubble Mathematics

Level: 4
Half: 1
REGUL:

x 5 : Half of x 10

$7 \times 5 = 35$

$7 \times 10 = 70$

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Multiplication Facts Strategies II [PowerPoint TBM402]

Professor Pete's Think Bubble Mathematics

Level: 4
Half: 2
REGUL:

x 2 : Double

$2 \times 10 = 20$

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Multiplication Facts Strategies III [PowerPoint TBM403]

Professor Pete's Think Bubble Mathematics

Level: 4
Half: 2
REGUL:

x 6 : Double x 3

$6 \times 8 = 48$

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Equivalent Fractions Introduced [PowerPoint TBM404]

Professor Pete's Think Bubble Mathematics

Level: 4
Half: 4
REGUL:

Shading Fifths & Tenths

- Shade three fifths of the sheet in yellow
- Shade another two fifths in pink
- Write two number sentences about fifths and tenths

Equivalent fractions are equal to each other.

$\frac{3}{5} = \frac{6}{10}$ $\frac{2}{5} = \frac{4}{10}$

• Ask students to pair (or tri) small groups to write two number sentences showing equivalence of fifths and tenths.

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Tenths as Decimals [PowerPoint TBM405]

Professor Pete's Think Bubble Mathematics

Level: 4
Half: 5
REGUL:

Tenths on Number Line

- Shade the fraction and write the common fraction
- Locate on the number line

0.6 $\frac{6}{10}$

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Selected Slide Previews:

Multiplication Facts Daily Practice Set I
[PowerPoint TBM401P]

Professor Pete's Think Bubble Mathematics

Level: 4
Practice: 1
Date: _____
INDEX: Multiplication Facts Practice

15) $2 \times 6 =$

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Multiplication Facts Daily Practice Set II
[PowerPoint TBM402P]

Professor Pete's Think Bubble Mathematics

Level: 4
Practice: 2
Date: _____
INDEX: Multiplication Facts Practice

11) $7 \times 4 =$

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Multiplication Facts Daily Practice Set III
[PowerPoint TBM403P]

Professor Pete's Think Bubble Mathematics

Level: 4
Practice: 3
Date: _____
INDEX: Multiplication Facts Practice

17) $2 \times 12 =$

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Addition with Decimals v1
[PowerPoint TBM406]

Professor Pete's Think Bubble Mathematics

Level: 4
Unit: 4
Date: _____
INDEX: Addition with Hundredths

- Complete
 - Remember always to line up the decimal points

4) $7.8 + 42.88 + 78.62 = 129.3$

5) $6.69 + 322 + 395.7 = 724.39$

6) $0.85 + 2.78 + 381.68 =$

7) $35.5 + 2.68 + 654.57 =$

8) $5.69 + 725 + 0.31 =$

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Addition with Decimals v2
[PowerPoint TBM406]

Professor Pete's Think Bubble Mathematics

Level: 4
Unit: 4
Date: _____
INDEX: Addition with Tenths

3) $88.9 + 0.9 = 89.8$

8 tens 9 ones 8 tenths

• Zero in the ones and no tenths is straight forward if students line up the decimal first. This avoids the error of adding different pieces together.

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Subtraction with Decimals
[PowerPoint TBM407]

Professor Pete's Think Bubble Mathematics

Level: 4
Unit: 7
Index:

Subtraction of 4-Digit Numbers

- When setting out these subtraction questions:
 - Leave room at the top to record the regroupings
 - Line up the ones place
 - Start subtracting on the furthest place on the right

8) $8645 - 5386 = 8259$

$$\begin{array}{r}
 53 \\
 8\cancel{6}4\cancel{5} \\
 - 5386 \\
 \hline
 3259
 \end{array}$$

- Have the students complete the subtraction in their books
- Encourage students to write the subtraction operation carefully lining the ones place first

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Hundredths as Decimals
[PowerPoint TBM408]

Professor Pete's Think Bubble Mathematics

Level: 4
Unit: 8
Index:

Writing Hundredths in Different Ways

- Shade the fraction
- Write the number e) shown in all its forms

$\frac{19}{100} = 1.19 = \frac{119}{100}$

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Spelling Numbers to 99,999.99
[PowerPoint TBM409]

Professor Pete's Think Bubble Mathematics

Level: 4
Unit: 9
Index:

Numbers in the Thousands

thousand hundred and

90 ninety thousand hundred and nine 9
 80 eighty eight 8
 70 seventy seven 7
 60 sixty six 6
 50 fifty five 5
 40 forty four 4
 30 thirty three 3
 20 twenty two 2
 11 eleven 14 fourteen 17 seventeen one 1
 12 twelve 15 fifteen 18 eighteen
 13 thirteen 16 sixteen 19 nineteen

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Time Units, to 1 min, am and pm
[PowerPoint TBM410]

Professor Pete's Think Bubble Mathematics

Level: 4
Unit: 10
Index:

24 Hours = 1 Day

midnight

12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11

ante meridiem - before midday post meridiem - after midday

M.S. This time topic shows a full moon at the equinox, when day and night are equal lengths.

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Level 4 Lesson Topics:

- Module 1:
 - x2: Double
 - x5, x10
 - x3: Double +One more set
 - x1, x0
- Module 2:
 - x4: Double Double
 - x9: Strategy is x10 Takeaway One Set
 - x6: Double Threes
 - Revision
- Module 3:
 - x8: Double Double Double
 - x7 Remaining Fact and Revision
 - Square numbers, x11
 - x12 is x10 Add x2
- Module 4:
 - Introducing Equivalent Fractions: Folding
 - Equivalent Fractions: Shapes
 - Equivalent Fractions: Number Lines
 - Equivalent fractions with Fifths and Tenths
- Module 5:
 - Introduction to Tenths
 - Counting Tenths with Shapes and Number Lines
 - Locating Tenths on a Number Line
 - Tenths with Base Ten Blocks
- Module 6 v1 & v2:
 - Whole Number Addition Revision
 - Addition – with Tenths
 - Addition – with Hundredths
 - Decimal Addition; Multiple Addends
- Module 7:
 - 4-Digit Subtraction with Regrouping
 - Subtracting Tenths
 - Subtracting Hundredths
 - Lining Up the Decimal Point
- Module 8:
 - Introducing Hundredths
 - Hundredths as Parts of Shapes
 - Hundredths with Base Ten Blocks
 - Hundredths Expanded and on Number Lines
- Module 9:
 - Spelling Using Root Number Words
 - Spelling Numbers in the Thousands
 - Reading and Spelling Mixed Numbers
 - Reading and Spelling Decimals
- Module 10:
 - Revising Time to 1 min
 - 'am' and 'pm'
 - Units of Time
 - Simple Time Problems

Accessing Think Bubble Mathematics

There are two options to get full access to these resources:

- A. Purchase a Think Bubble Mathematics product

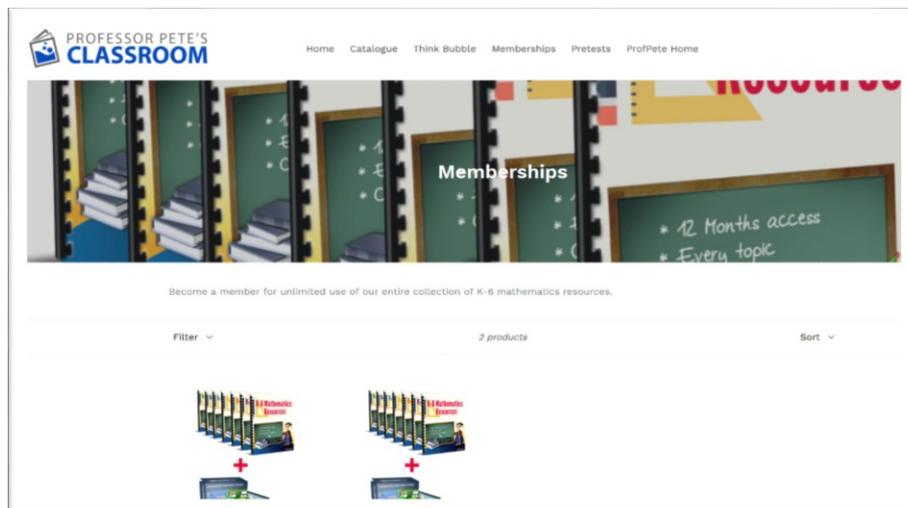
Go to [our store](#) to purchase the level/s you require:



[\[https://professor-petes-classroom.myshopify.com/collections/think-bubble-mathematics\]](https://professor-petes-classroom.myshopify.com/collections/think-bubble-mathematics)

- B. Become a member at Professor Pete's Classroom

Members have 12 months' access to all our resources, including all the Think Bubble Mathematics resources. Go to [our store](#) to become a member:



[\[https://professor-petes-classroom.myshopify.com/collections/memberships\]](https://professor-petes-classroom.myshopify.com/collections/memberships)