

A peek inside Mathematics

Why Is the Sun Red? | Level 3 | 9 learning pages

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 1/9

A red sun outside

STOP 1: NOTICE

Kai spots a red sun outside.
He and Mei bring weather cards.
Can they count and make ten?

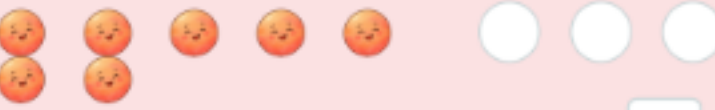


1 Count the cloud cards in groups of 5.



Groups of 5: Clouds in all:

2 7 red-sun cards. Draw more to make 10.



How many did you draw?

3 Help Mei finish the number path to 20.

11	12		14	15		17	18		20
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Name: _____

KAI & MEI | 1/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 2/9

Mum checks the sky

STOP 2: NOTICE

Mum checks the air quality.
They stay inside and play with
sun counters at the table.

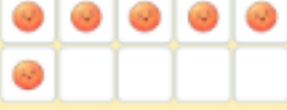


1 Show nine sun counters. Write the numeral.



nine =

2 Six are shown. Add enough to make ten.



6 + = 10

3 Which frame shows 8? Write the word.

A 

B 

Word: _____

Name: _____

KAI & MEI | 2/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 3/9

Wind over Singapore

STOP 3: NOTICE

Wind carries smoke far away.
Kai makes two groups of cards.
Mei asks how many more.

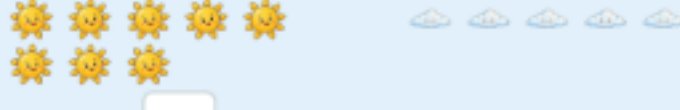


1 How many MORE red cards?



9 - 6 = more

2 How many FEWER cloud cards?



8 - 5 = fewer

3 SAME or DIFFERENT? Explain.



Both groups have _____ cards.

Name: _____

KAI & MEI | 3/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 4/9

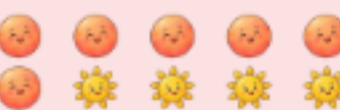
A sun-card mosaic

STOP 4: DISCOVER

Kai and Mei make a mosaic.
They use red and yellow cards.
What parts make one whole?



1 10 cards in all. 6 are red.



10 = 6 +
red + yellow

2 9 cards in all. 3 are red.



9 = 3 +
red + yellow

3 Make 10 another way with two colours.



10 = +
Draw, then write both parts.

Name: _____

KAI & MEI | 4/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 5/9

A game on the table

STOP 5: DISCOVER

The air is poor today.
They choose to play indoors.
Mum brings out game pieces.



1 8 cloud cards. Some leave. 5 stay.



How many leave?
8 - = 5

2 Mum had 5 pieces. Now she has 9.



5 + = 9

3 10 sun stickers, then 3 more. Total?



10 + 3 =

Name: _____

KAI & MEI | 5/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 6/9

Mei makes a pattern

STOP 6: DISCOVER

Mei lines up weather cards.
Kai spots gaps in the trail.
What comes next?



1 Draw the two missing weather cards.



Rule: sun, cloud, wind

2 Complete both number patterns.

2	4	6		10		14
15	14		12		10	

3 Make your own ABC weather pattern.

Choose three cards and repeat them.



Name: _____

KAI & MEI | 6/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 7/9

The view from home

STOP 7: PLAY INDOORS

Kai looks from the closed window.
He draws wind arrows.
HDB blocks stand outside.



1 Write 1 (shortest) to 3 (longest).

A 

B 

C 

Longer than A, shorter than B:

2 Order the HDB blocks by height.



Shortest to tallest: _____

Name: _____

KAI & MEI | 7/9

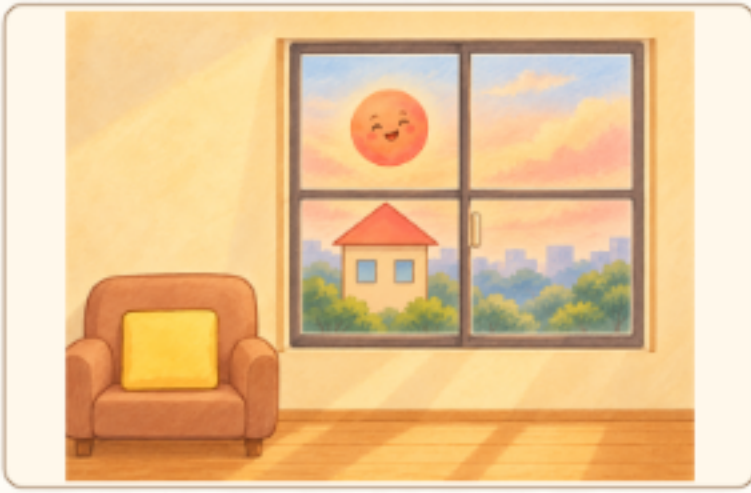
LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 8/9

Shapes at home

STOP 8: PLAY INDOORS

Mei finds shapes by the window.
The sun is outside the flat.
Where are the shapes?



Helping words: circle, square, triangle, rectangle

Sun: _____ Cushion: _____

Roof: _____ Window: _____

The sun is _____ the roof. (above / under)

Name: _____

KAI & MEI | 8/9

LITTLE THINKERS CLUB | MATHS

LEVEL 3 | 9/9

Mum reads the PSI

STOP 9: PLAY INDOORS

PSI = Pollutant Standards Index.
It measures air quality and shows
how severe the haze is.



1 Read the practice 24-hour PSI cards.

Good: 0-50 Moderate: 51-100

WEST	NORTH	CENTRAL	EAST
35	45	55	65
GOOD	GOOD	MODERATE	MODERATE

These are made-up readings for maths practice.

2. Copy the CENTRAL PSI number:

3. Which PSI is the LOWEST? Circle its card.

Region: _____ PSI: _____

Name: _____

KAI & MEI | 9/9

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