

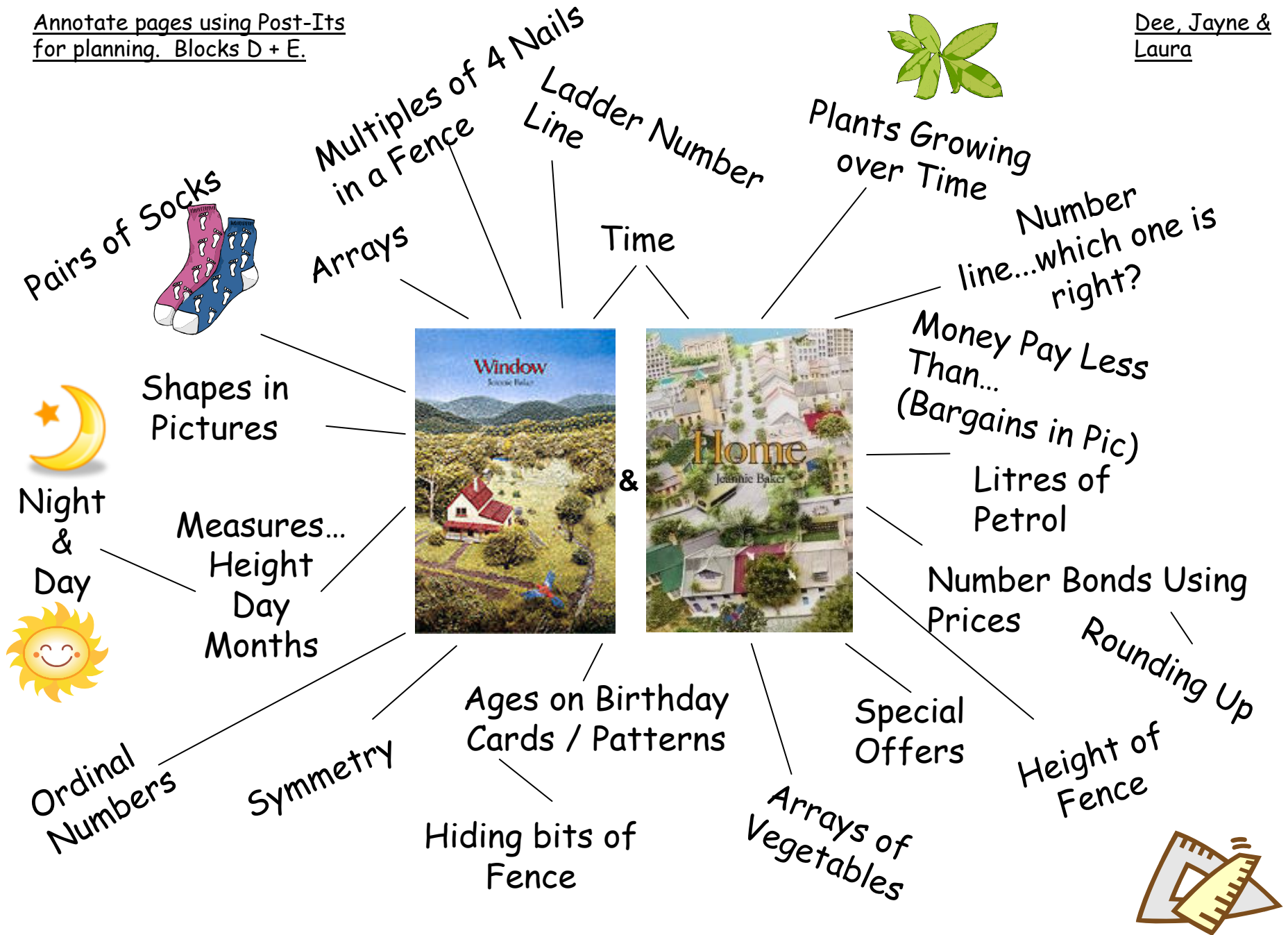


Maths from Stories



Annotate pages using Post-Its
for planning. Blocks D + E.

Dee, Jayne &
Laura



Tangrams



Division (double
page)

Multiple of
2,4...

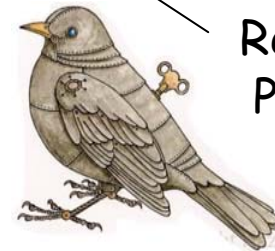
Sort 'Litter'
(Venn
Diagrams)

Odd / Even 3D Shapes;
Numbers Ovoid

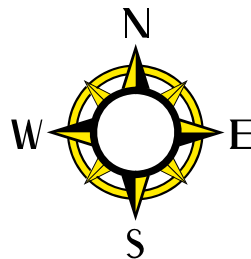
Problem
Solving: 'How
Many Different
Combinations of
Colours?'

2D Shapes;
'How Many
Triangles?'

Repeating
Patterns



Anti Clockwise
/ Clockwise



Make Paper
Aeroplanes; Measure
flight distance

Build a Tower—
time drop of
Egg

Estimating
Counting; use
effective
grouping methods

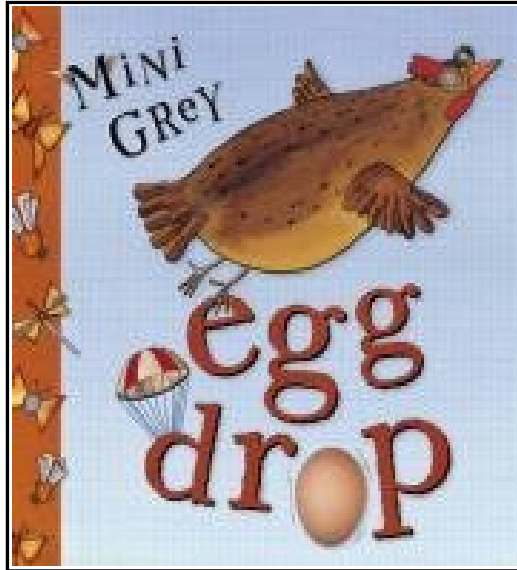
Weight; standard
units

As Light as a
Feather



Symmetrical
Shapes

Halves /
Quarters
Counting (beyond
300)



Measure



How tall would a bush have to be, to have a shadow of a certain length? Shadows - Different Times of Day

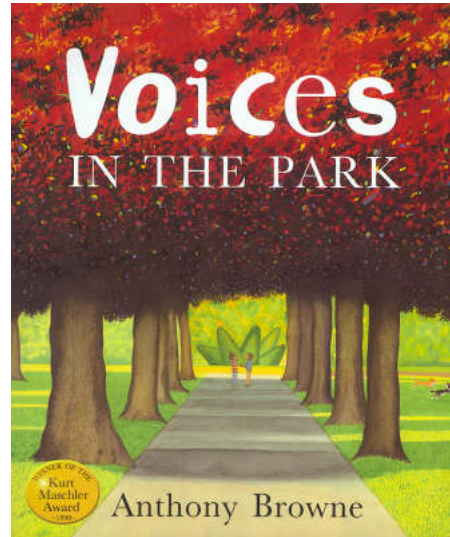
Laura, Dee & Jayne

Page 7 - Use Arrays to find how many windows on one side of building

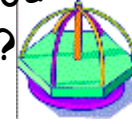
Page 7 - Use Arrays to find how many windows on all sides of building

Beggars Money;

How much does he have?
How much per Day/Week/Month?
How long till he makes a Million?



Merry Go Round - How can you work out the number of triangles?



Different ways to make patterns using tiles

What shape is the Bandstand?

Pond - How much water to fill it?

SEE SAW - Balancing Weights



Wall

How many bricks do you need to make the pattern twice the size?
How would you work out how many bricks there are?

Building with coloured windows - Patterns / Fractions

Design your own park/specific shapes/criteria ie; the circle is NOT next to...

Paving Stones
Area
Symmetry

Wolves wearing socks
Size of Paws -
Area / Pattern



Comparing high
scores +/- ordering,
comparing

Wolf Computer
Games

Wolf 'Battleships'
Co-ordinates

Choice / popularity
graphs:-

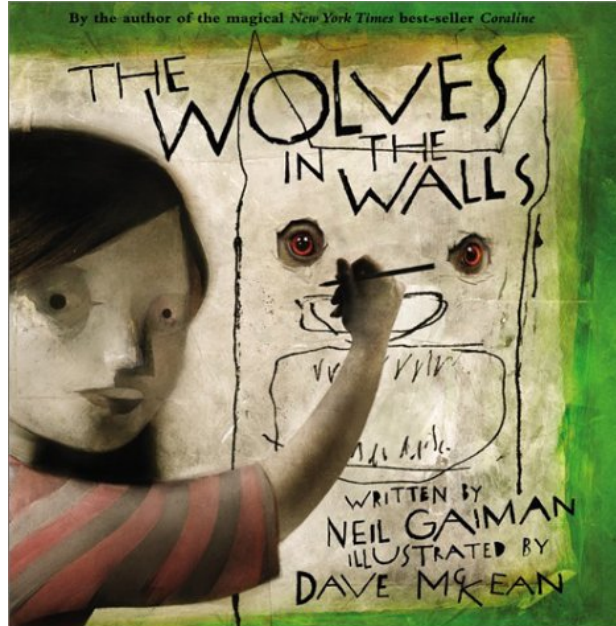


TV Guides

Length of time

What the wolves
watched on the TV

Number of Wolves
Planning a Wolf Party
Cost of Wolf Food



Wolfish Dances - Up
and Down the Stairs



Direction / Pattern

Wolf Facts

Places to Escape the
Wolves

Temperature
Distance

Werewolf

Eating food from the Family
Pantry



Jam & Toast - Jam Jar
Problems

Different sized jars
How much do they
hold?

capacity /
volume

$\frac{1}{4}$ full
 $\frac{1}{2}$ full
 $\frac{3}{4}$ full

Wolfy Top
Trumps from
other Wolfy
Stories

3 Little Pigs

Little Red
Riding
Hood

Teen
Wolf

Organise Triangular Number
Could the Penguins be organised into D numbers



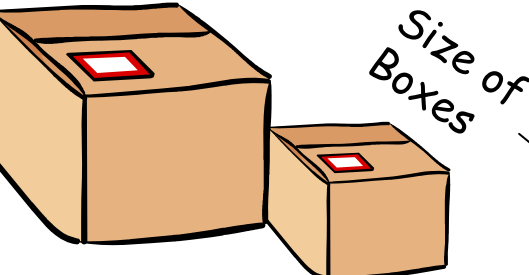
Number
Squares

Bren & Andrea

Number Patterns -
always 3 after a 2

Decimals
Percentages

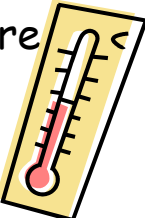
Cube
Number
Volume



Size of
Boxes

Square
Numbers

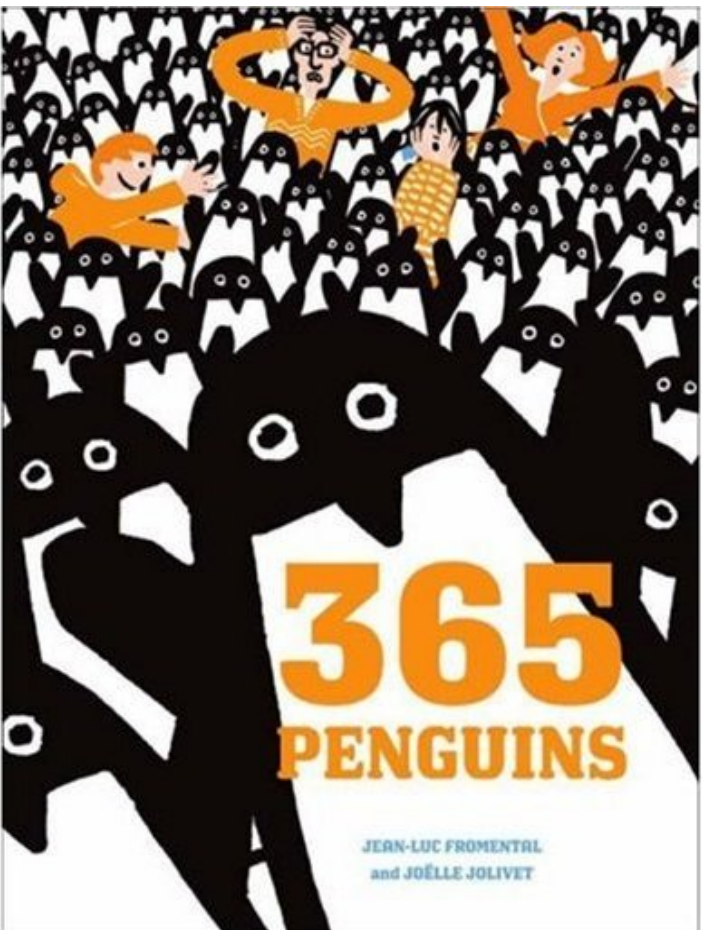
Temperature



Currency
\$ £

Codes; A=1, B=2
etc

Housing the
Penguins;
Multiplication /
Division



More or Less; 1
more, 10 more
etc

Calendar work; on
what day did 75th
Penguin arrive?



Number Recognition

No's on the door; What Nos should the House be?

Telephone Book/Directory

Number; How many sticks will cover the Bears Garden?



Comparison
Size of the Bears -
Extended family of
Bears - Order 8
Pots / Plates

Sue Quigley &
Mary Murphy

Measure
Bears Feet -
Make Footprints -
Order Footprints in
the class

Positional Language;
Route from the House to the
Woods
Make Breadcrumb Trail

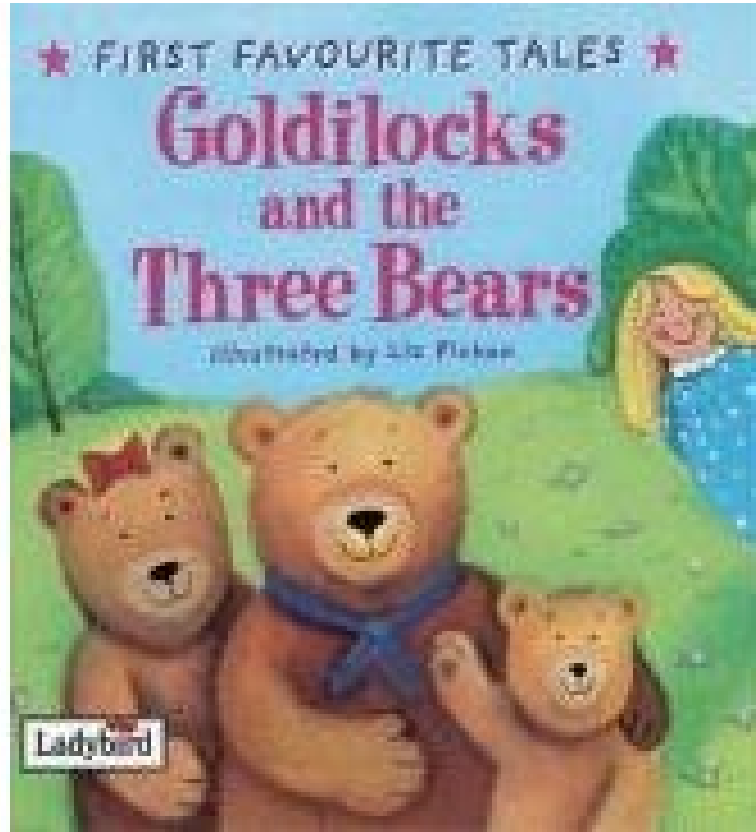
Weights / Measurement

Buy Porridge
Make Porridge (Weigh)
Buy Milk (Litres)
Measuring Cups; $\frac{1}{2}$ Cups
Favourite Porridge
(Tally Results)



Shapes/Pattern Tiles;

Make a House for the Bears
What shapes could you use? - Count the Shapes.
What shapes can you see in the Role Play House?
Repeating Patterns/Tessellating Shapes on the Bears Blanket.



Problem Solving

Share the basket of food
between the 3 Bears

Maths
Investigation;

Each Bear needs a pair of
Wellingtons; How many
boots for 1 bear? 2
bears? 3 bears?



How many ways can
we organise
different coloured
buttons on the
Bears - Red, Green,
Blue

Money; Buy items to go on
a Picnic with the 3 Bears



Multiplication;
Arrays of Beach
towels

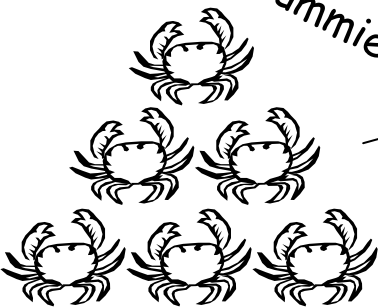


Patterns on
Beach Towels

Colour
Combinations
Take numbers 1 to 10;
how many calculations
can you make?

Give the children photocopies
of each shape; they use them
to make target numbers. How
many ways?

'six circle problem':
place numbers 1-6 in
crabs tummies



Accurately count Snails (100);
use effective grouping
materials



Symmetry

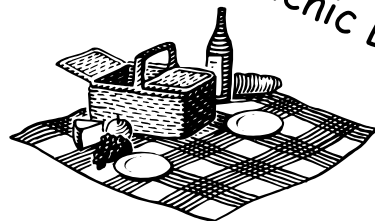
Triangular Numbers

Measure length of
Spiders threads;
Compare & Order

Parasols 1/8

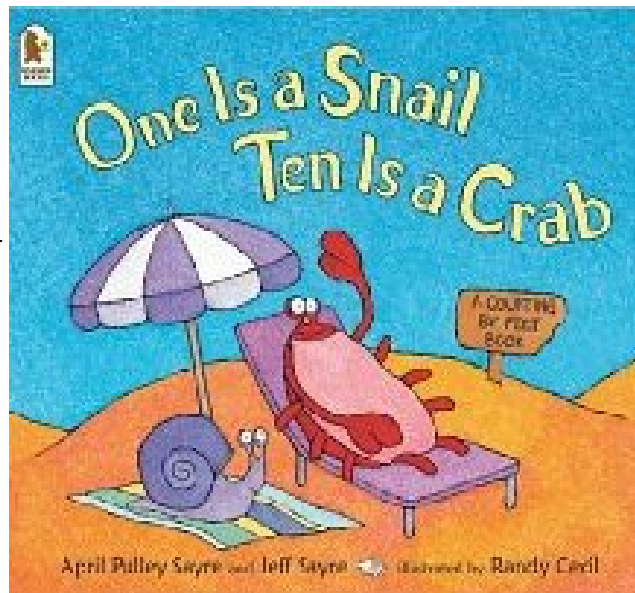


Estimate the number of
squares on a Picnic Blanket



Insects Info Card;
No. of Eyes
No. of Wings
No. of Legs

Make cards for
other Animals



Counting;
1:1 correspondence
Number Recognition

Count Pirates
Count Cannon Balls
Make Canon Balls
Count the Money Sacks



Comparison;
Which page has the
most/least Pirates?

Positioning;
What is at the Top
of the Ship?
Bottom?
Underneath? Next
to?

Map Work



Calculating;
3 Pirates in the Bed
3 more join them
How many in the
bed?
1 is called to do a
job; How many left?

Capacity/Weight;
How heavy is the
Loot?

Can you make a bag
that is Heavier /
Lighter?



Double the numbers of
spiders on each page

Which container will
hold the most water
to sweep the decks?

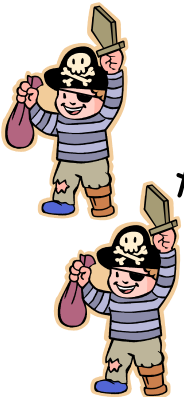
Make Swords of
different
lengths/Compare

Problem Solving;
What if you had 2
Treasure Chests?
Can you share the
Loot?

Count Money into
Treasure Chest



How many legs are walking the Plank?



Requirements:

Calculation
Position
Symmetry
Shape
UAM
Problem Solving

Angles; Scaffolding

Scale;

Prediction

Measuring mm

Perimeter

Converting mm-cm-m-km



Balloon Tessellation

Repeating Pattern -(Towers)

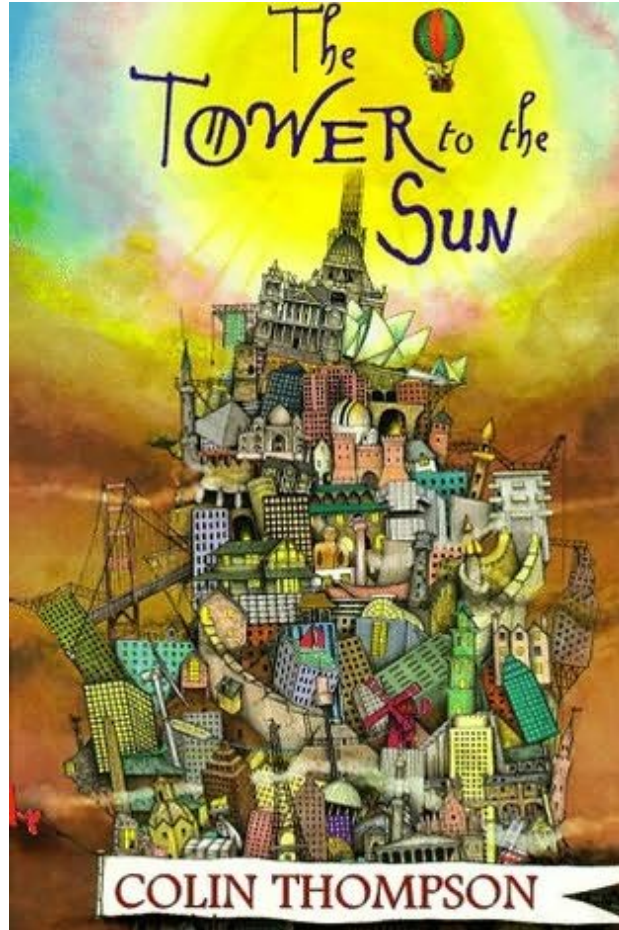
Sequences/production

Tessellating Shapes/Reflections



City Display;
Made of shapes/flaps/windows

Page-City Colour
Position/Direction



Journey times - world

Costing

Travel Distance - Order

Language/Size Scale

Ages / Periods of time



Dark; estimation
windows

Problem Solving

Calculation

Arrays/Grids

Room Number

Odds & Evens

Number sequences

% of lights on in a building

