

Fixed Mindset



intelligence is a fixed trait

Growth Mindset



intelligence is a potential that can
be developed

| Fixed Mindset | | Growth Mindset |
|--|------------|--|
| <ul style="list-style-type: none"> Innate Unchanging | SKILLS | <ul style="list-style-type: none"> Result of hard work Can always improve |
| <ul style="list-style-type: none"> Something to avoid Will reveal lack of skill Overwhelm | CHALLENGES | <ul style="list-style-type: none"> Embrace Opportunity to change Calls for perseverance |
| <ul style="list-style-type: none"> Not necessary Linked to being not good enough | EFFORT | <ul style="list-style-type: none"> Essential Leads to mastery |
| <ul style="list-style-type: none"> Produces defensiveness Personalized | FEEDBACK | <ul style="list-style-type: none"> Useful and positive Welcomed Identify areas to improve |
| <ul style="list-style-type: none"> Blame others, not my fault Easily discouraging | SETBACKS | <ul style="list-style-type: none"> Opportunities to learn from Focus on making changes |

THERE

is a

difference

BETWEEN

not knowing

AND

NOT KNOWING

YET.



| | | | |
|---|--|--|--|
| Can you drive it? | How many bricks? | Which car costs most? The real car or the lego car? | How long did it take to build? How many people? |
| | How much is the insurance for a lego vehicle? | Are the pieces Kragl'd together? | |
| Are the engine and wheels made of lego too? | How much does a lego car weigh? How about a real one? | If you laid all the lego pieces end to end, how far would they go? | |

101 questions

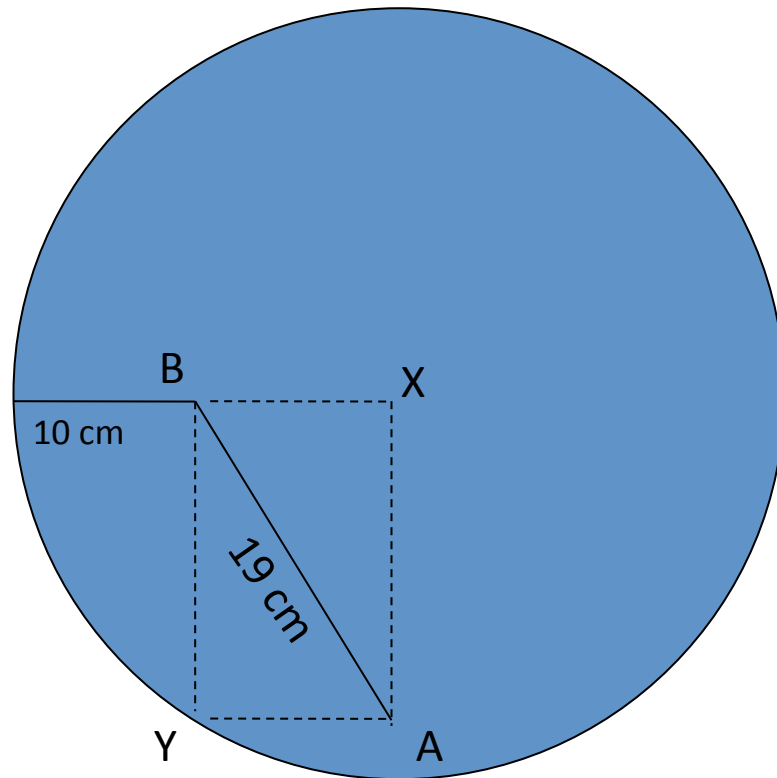
“Motivation is the most important factor in determining whether you succeed in the long run. What I mean by motivation is not only the desire to achieve, but also the love of learning, the love of challenge, and the ability to thrive on obstacles. These are the greatest gifts we can give our students.’

Carol Dweck

What is the
DIAMETER
of the circle..?

X marks the centre of
the circle.

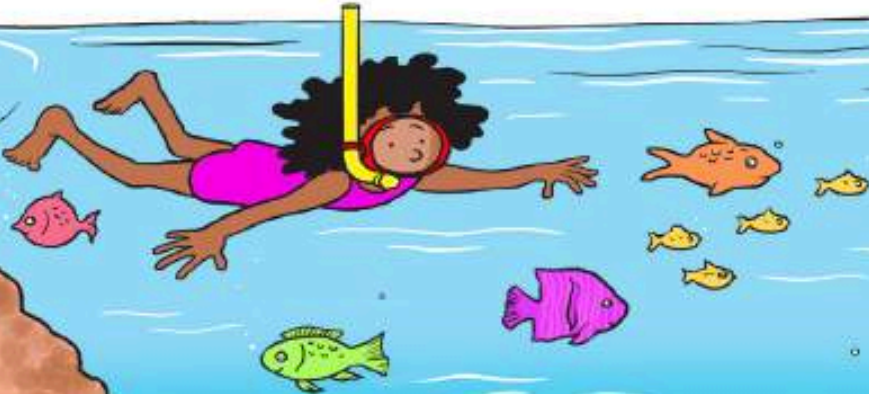
BXYA is a rectangle
(quadrilateral with 4
right angles).



Basic
(Paddling)



Advancing
(Snorkelling)



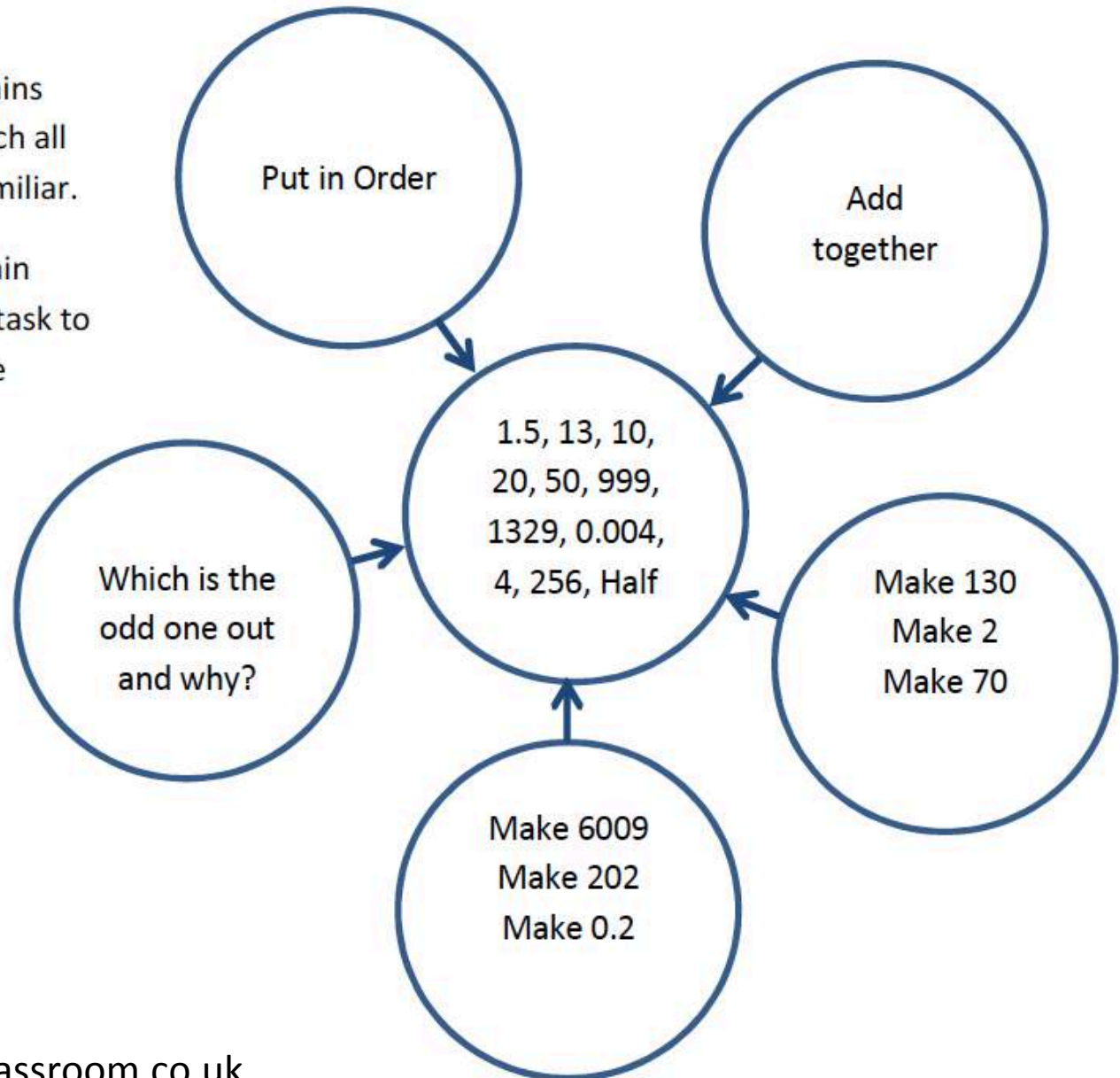
Deep
(Diving for Pearls)



Maths example:

Centre circle contains numbers with which all learners will be familiar.

Outer circles contain different levels of task to apply to the centre numbers.



CREATING

USE INFORMATION TO
CREATE SOMETHING NEW

*Design, Build, Construct,
Plan, Produce, Devise, Invent*

EVALUATING

CRITICALLY EXAMINE INFO &
MAKE JUDGEMENTS

*Judge, Test, Critique,
Defend, Criticize*

ANALYZING

TAKE INFO APART &
EXPLORE RELATIONSHIPS

*Categorize, Examine,
Compare/Contrast, Organize*

APPLYING

USE INFORMATION IN A NEW (BUT SIMILAR) SITUATION
Use, Diagram, Make a Chart, Draw, Apply, Solve, Calculate

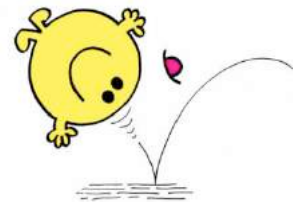
UNDERSTANDING

UNDERSTANDING & MAKING SENSE OUT OF INFORMATION
Interpret, Summarize, Explain, Infer, Paraphrase, Discuss

REMEMBERING

FIND OR REMEMBER INFORMATION
*List, Find, Name, Identify, Locate,
Describe, Memorize, Define*

ACE
activities



Mindsets

Motivation

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Core Purpose

Challenge