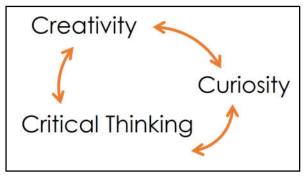


1

develop your own curiosity and be able to excite curiosity in the minds of students through specific shared activities

2





Curious kids are more engaged,

Curious kids are more engaged, remember more,

6 5

Curious kids are more engaged, remember more, and have more fun.

7

30 Dots 9 Dots Already Knew The Picture

14 errors 21 errors 31 errors

The "high curiosity" group was more likely...

8

Mittman & Terrell

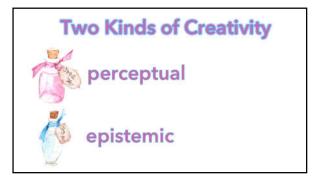
9 10

The "high curiosity" group was more likely to report the experiment as fun...

Mittman & Terrell

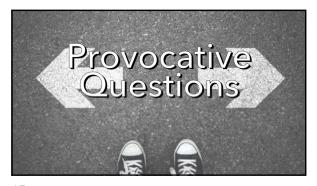
The "high curiosity" group was more likely to report the experiment as fun and to be disappointed when it ended.

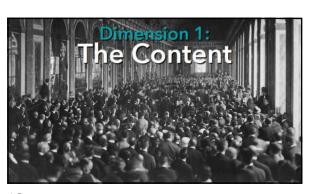
Mittman & Terrell





13 14





15 16

Was the Treaty of Versailles the end to the greatest war the world had ever known...

Was the Treaty of Versailles the end to the greatest war the world had ever known or was it the cause of the Holocaust?

17 18

Curiosity provoker

⊕ Formative question

Summative assessment

A later review

Is zero the weakest number... or the most powerful?

19 20

Does building a dam bring order... or chaos?

Does oxygen bring life... or destruction?

21 22

Are animals that live in the rainforest more evolved or less evolved than domesticated animals?

Is the US Constitution a document of freedom... or restriction?

Finding

Potentially Provocative Questions

⊕ Controversy

Multiple perspectives

Discrepancy

Oilemmas

25

26

George Washington fought for freedom but owned slaves.

Birds fly, mammals walk. Penguins walk, bats fly.

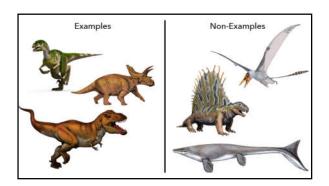
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29

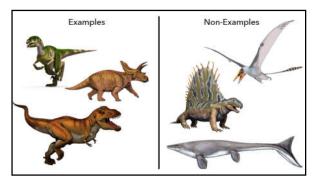


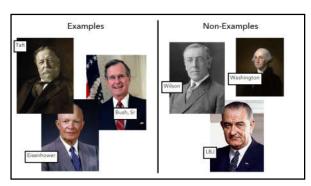
Essential vs Optional

Attributes

31

32





33 34

Examples

Non-Examples

Hatchet

Bud, Not Buddy

Holes

The View From Saturday

To Kill A Mockingbird

The Hunger Games

Twilight

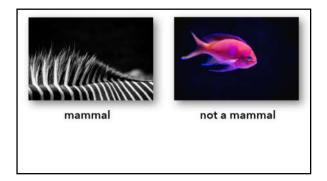
Harry Potter

Ender's Game

The Giver

Let's Turn It Around

35 36



My love is like
a red, red
rose.

My love is a
red, red rose.

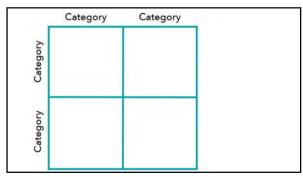
37 38

What Could You Do With Example / Non-Example ?

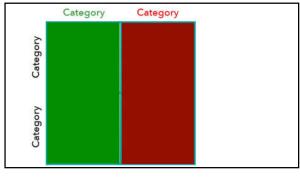


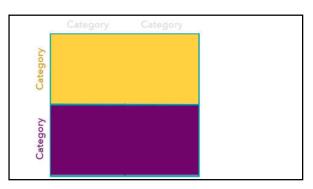
39 40



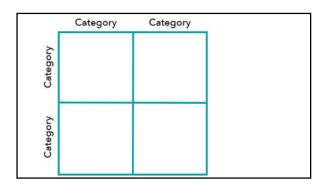


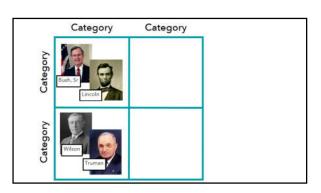
41 42



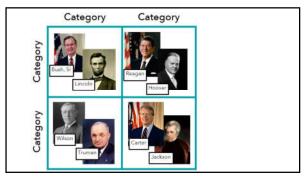


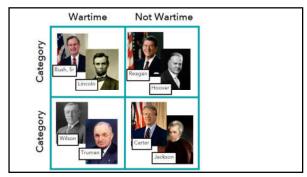
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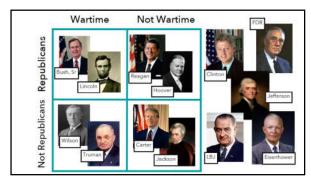


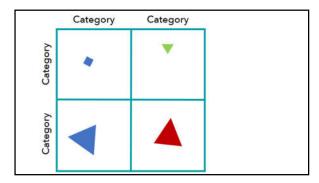
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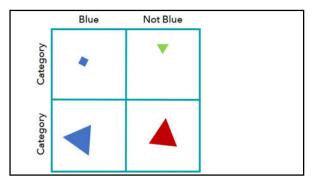


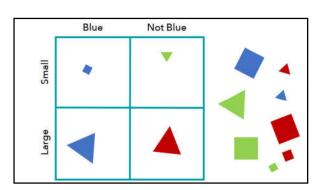
47 48





49 50





51 52

| | Category | Category | |
|----------|---|---------------------------|---|
| Category | To Kill A Mockingbird The True Confessions of Charlotte Doyle | Hatchet Maniac McGee | Bud, Not Buddy Twilight Harry Potter Holes Coraline Matilda |
| Category | The Hunger Games A Wrinkle In Time | Ender's Game The Giver | |



53 54





55 56

Asking good questions requires critical thinking.

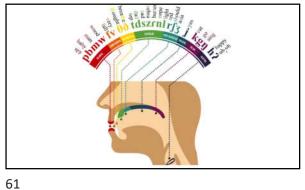


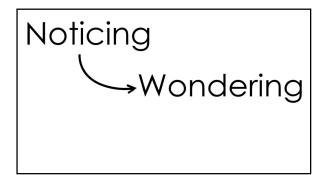
57 58





59 60





62

Questions form when we notice something... odd.



63 64



Create An Information Gap

66 65



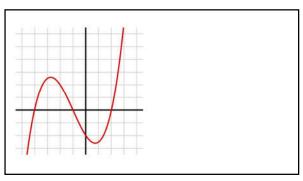


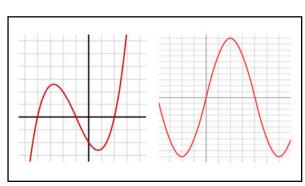
67 68





69 70





71 72

Comfortable With Ambiguity



73 74





75 76





77 78





79 80





81 82



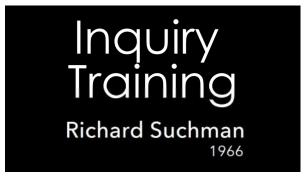


83





86



Inquiry Training

- 1. Begin with a puzzlement.
- 2. Students ask Yes/No questions.
- 3. Eventually, students create hypotheses.
- 4. Teacher reveals the truth.
- 5. Question debrief.

87 88

I am thinking of a number...

12.5

89 90

Question Debrief

Which question was most useful?
Which questions were wastes of time?
Which questions opened up new thinking?
How will we ask better questions next time?

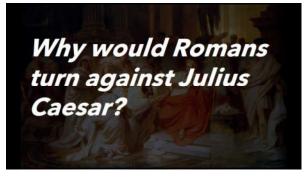
"As Tom Robinson gave his testimony, it came to me that Mayella Ewell must have been the loneliest person in the world. She was even lonelier than Boo Radley, who had not been out of the house in twenty-five years."

91 92





93 94





95 96





97 98

Agree or Disagree:

THE GREAT BARRIER REEF IS OFF OF THE NORTHWEST COAST OF AUSTRALIA.

Agree or Disagree:

THE CAPITAL OF AUSTRALIA IS CANBERRA.

99 100

Agree or Disagree:

THE ABORIGINAL NAME OF AYRES ROCK IS LOOLAROO.

Agree or Disagree:

ONE TIME, THE PRIME MINISTER
OF AUSTRALIA WENT FOR A
SWIM AND DISAPPEARED, NEVER
TO BE FOUND.

101 102





103

Time spent creating perceptual curiosity is time very very well spent.

