VERITAS

INSTRUCTIONAL
LEADERSHIP
programme

Bloom's *revised* Taxonomy of Learning

VERITAS

Bloom's Taxonomy
How much of your brainpower are you going to use today?

Create
build, compose, make, construct, invent, design...

Evaluate
justify, assess, judge, defend, question, argue, critique...

Analyse
compare, distinguish, order, infer, categorise...

Apply
solve, calculate, examine, modify, classify, use...

Understand
retell, restate, describe, explain, summarise...

Remember
list, define, name, when, where, state...

After today's lesson, we will be able to:

1. Explain briefly who Benjamin Bloom was.
2. State the six levels of Bloom's Taxonomy of Learning from lowest to highest.
3. Use our brains at each of the six levels in an exercise involving *Goldilocks and the three bears*.

Benjamin Bloom
Feb 21, 1913 - Sept 13, 1999

- American educational psychologist who made significant contributions to the taxonomy (classification) of educational objectives and the theory of learning.

- His greatest legacy is known as Bloom's Taxonomy of Learning

- His research transformed education. Bloom developed a taxonomy of learning which classified the different learning objectives and skills that educators set for students.

Benjamin Bloom
Feb 21, 1913 - Sept 13, 1999

What Bloom had to offer his students was a model of an inquiring scholar, someone who embraced the idea that education as a process was an effort *to realise human potential*, and even more, it was an effort designed to make potential possible.

Dominican College Mission Statement

We strive

to realise each individual's full potential

in a Catholic environment.

Professor Barrie Bennett

Professor Bennett has taught for many years at the Ontario Institute for Studies at the University of Toronto.

In addition to his third level teaching, Professor Bennett has taught at both primary and second level schools.

Professor Bennett's main areas of interest relate to learning and teaching.

He has worked world-wide, particularly in: Canada, Australia, and Ireland.

Dominican College has been involved in his Instructional Leadership Programme in Ireland for the last two years.

In the ***World's Top 30 Education Professionals for 2016***, Professor Bennet has been rated **number 15**.
http://globalgurus.org/education-gurus-30/

Bloom's Taxonomy – an explanation

https://www.youtube.com/watch?v=g1lc-GWtGII

Level 1 - Remember (Recall)

Examples:

1. State the definition of equality.

2. Name the signatories of the 1916 Proclamation.

3. List the cities in Ireland.

Level 2 – Understand (Comprehend)

Examples:

1. Tell the story in your own words.

2. Explain how convection currents cause plate movement.

3. Role play an angry parent whose teenage daughter has not tidied her room.

Level 3 - Apply

Examples:

1. Graph the data.

2. Demonstrate how to pot a plant.

3. Calculate the area of the field.

Level 4 - Analyse

Examples:

1. Find the three areas in the song where there is a change of tone.

2. How would you take a penalty kick?

3. What is the relationship between X and Y?

Level 5 - Evaluate

Examples:

1. In your opinion who won the debate? Justify your choice.

2. Which singer performed better? Why?

3. Which poem do you prefer and why?

Level 6 – Create (Design)

Examples:

- Create an activity for Friendship Week.

- Devise a new way to save water in school.

- Design a poster that will encourage people to buy your new product.
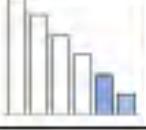
Important note

To think at the higher levels,
you need to have mastered
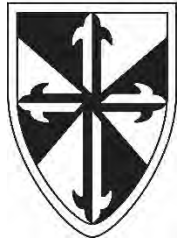*the ability to think at the lower levels.*

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Story time!

Goldilocks and the Three Bears
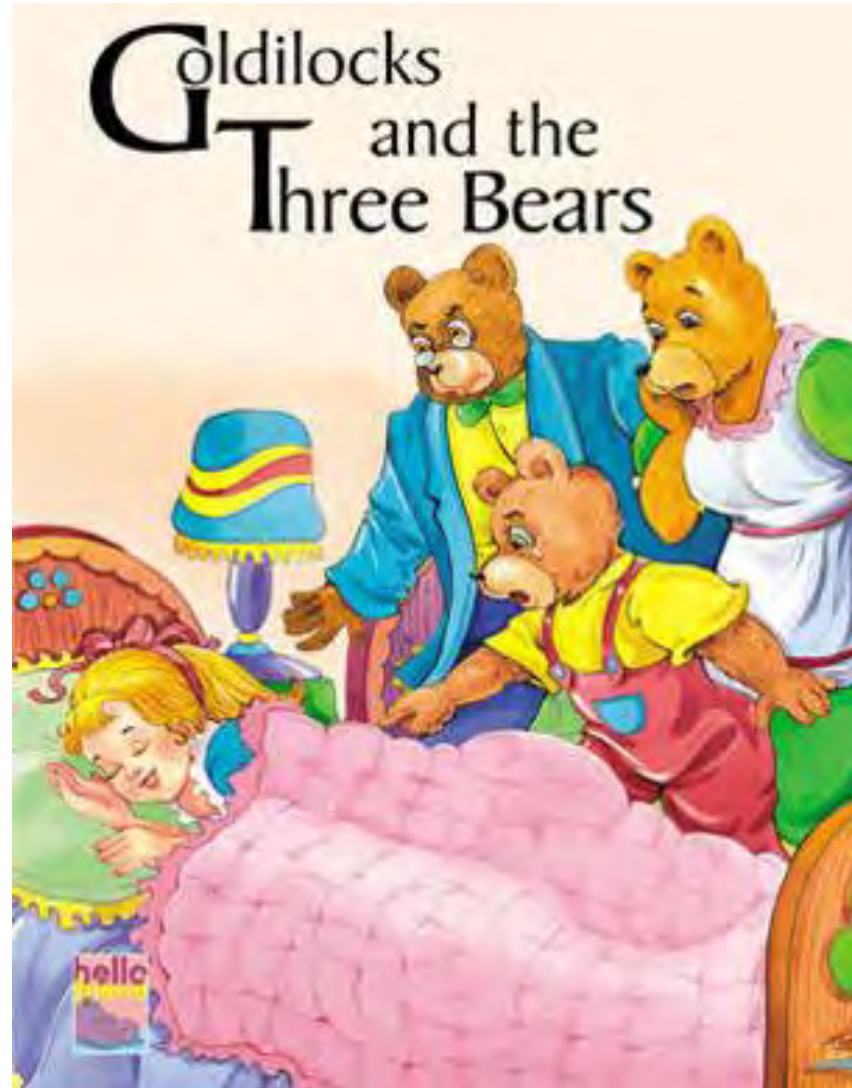
Goldilocks and the Three Bears part 1

A little girl named Goldilocks, goes for a walk in the forest and comes upon a house where she enters and finds to her delight three bowls of porridge.

The first one she tastes is too hot, the next too cold but the third one tastes just right so she eats it all up.

Goldilocks finds three chairs of different sizes. She tries them out and finds the first one too hard, the next too soft, and then the little one just right, but it breaks when she sits in it.

As she wanders around the home, she finds three beds and tries them out. The first and biggest bed is too hard, the next bed is too soft but the smallest bed is just right and she curls up and falls asleep.

Goldilocks and the Three Bears part 2

Meanwhile the owners come home. They are the three bears: Papa Bear, Mama Bear and Baby Bear.

Much to their surprise, they discover the outcome of what Goldilocks has done to their porridge, chairs and finally their beds. In fact she is still sleeping in Baby Bear's bed!

Goldilocks wakes with a fright when she sees and hears the bears. She jumps from the bed and runs away as fast as she can.

Task 1

NB. Take 20 seconds to think.

- Whose bed was Goldilocks in when the bears found her?

- What Bloom's level do you think this task is? Why?

Task 2

NB. Take 20 seconds to think.

- Explain why the bears were upset with Goldilocks.

- What Bloom's level do you think this task is? Why?

Task 3

THINK (Yourself) PAIR (With a partner) SHARE (Whole class)

NB. Take 20 seconds to think.

- Tell what might have happened if Goldilocks had intentionally made even more of a mess.

- What Bloom's level do you think this task is? Why?

Task 4

THINK (Yourself)
PAIR (With a partner)
SHARE (Whole class)

NB. Take 20 seconds to think.

- Identify events in the story that indicate it is not true.

- What Bloom's level do you think this task is? Why?

Task 5

- Judge whether or not Goldilocks made a good decision by running away from the bears. Explain.

- What Bloom's level do you think this task is? Why?

Task 6

- Compose a different ending to the story.

- What Bloom's level do you think this task is? Why?

Our message to you today

- Your potential is very much more than simply being able to remember facts and figures.

- You have the ability to be much, much more than that.

- Take responsibility for your own learning. Take control of your own destiny.

- Whatever you do, do it to the best of your ability.

- Ask questions.

- Believe in yourself.

- Making mistakes is a very important part of learning.

- If you fall at the first hurdle, pick yourself up and try again.

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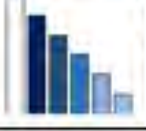A person who never made a mistake never tried anything new.
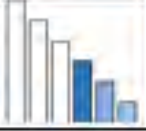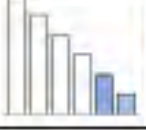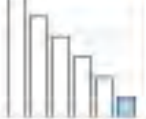
Albert Einstein
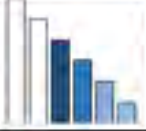
BrainyQuote®

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