



Innovative, Creative and Entrepreneurial Methods in Education

Izmir 2014

Ideate

Inspired by Edward De Bono

What are the benefits of using the 6 thinking hats?

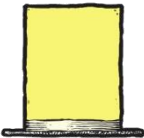
- Practical way to modify behaviour without attacking it
- Separates out thinking modes
- Separates ego from performance
- Move from one dimensional thinking to full coloured thinking
- Allows specific time for creativity



The Six Hats



Controlling view :
summarize,
analyze,filter, decide.



Optimistic: positive
thinking, bring forward
advantages, so more an
attempt to justify.



Critical: focus on weak
spots and risks, 'the devil's
advocate', awareness of
the dangers.



Informative: facts, figures,
gather information
without giving an
interpretation



Emotional: use of intuition,
judgement based more on
feeling than argumentative
justification.



Creative view: associative,
lateral thinking, seeing new
possibilities.

Using the hats

1. Which two hats do you feel most comfortable using?
2. Which two hats dominate the thinking in your team?

Blue hat



Three disciplines

Focus

Decide on what you want to think about

Technique

Choose the right hat or lateral thinking tool

Time

Set timelimits and work within them

Creative hit list



Focus 1

Focus 2

Focus 2

White hat



Questions:

- What do we know?
- What do we need to know?
- Where can we get this information?

! White Hat Other Point of View (O.P.V.)

O.P.V. questions:

- What views does this person have?
- What information do we need from them?
- How could we get this missing information?

Red Hat



Teachers should retire at the age of 55.

Red Hat



exhausted
confused
ecstatic
guilty
suspicious
angry
hysterical
frustrated
sad
confident

depressed
happy
mischievous
disgusted
frightened
enraged
ashamed
cautious
smug
concerned

overwhelmed
hopeful
lonely
lovestruck
jealous
bored
surprised
anxious
shocked
shy

Yellow Hat



Schools should make provisions so that every child is taught in its mother tongue (for at least a few hours a week).

Black Hat



All teachers should follow courses in creative thinking techniques.

Green Hat



How can we overcome the black hat concerns?

Sequencing the hats – process improvement

Focus: This IP – our process

	1'
	2'
	30''
	3'
	3'
	3'
	2'

Problem solving sequence



Instruction

- In your group: design a hat sequence to evaluate your ideas (group work)
- Set time limits to each hat
- Decide who will do the blue hat thinking
- Try out!



Thank you for your
cooperation!

Based on:

Edward de Bono (2012) Six Thinking Hats. Tools for parallel thinking.
Clive: De Bono Thinking Systems.