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Edward de Bono

SIX THINKING HATS

FOR SCHOOLS



6-8 Resource Book

Sharing Good Practice

DEVELOPING YOUNG CHILDREN'S COGNITIVE SKILLS USING THE SIX THINKING HATS

By Marwa Al Samsom

Recent research has found that students' understanding of their learning process helps improve and accelerate their learning. Teachers keep learning expectations a secret from their students especially the very young ones. This might be due to certain beliefs about young children's mental capabilities and their ability to think abstractly. It is true that thinking processes don't involve anything tangible. However, if visualised, it can help young children understand their own thinking process. The de Bono's 6 Thinking Hats can be used to introduce children to different modes of thought. Each hat represents a category of thinking, and by switching them, teachers can easily redirect learners to other ideas and points of view.

Before you start using this strategy, the following will help you to get started:

1. Use symbols/images to visualize each hat, think of appropriate facial expressions/body language to go with each one.
2. Introduce just one new hat every day/week so children aren't overwhelmed.
3. Revise the hats already introduced before introducing a new hat.

4. Be consistent with the use of language. Use the same keywords every time you phrase questions. The story in figure 1 will help demonstrate how questions can be asked using this strategy.

Start with the WHITE (information hat): Remind children that the White Hat is used to check what they already know about the topic (rainy and cold weather in this story).

"How does the weather look?"

"Why is Fifi holding an umbrella?"

The RED (emotional hat): The Red Hat is used when we want to check how we, or others, might feel in different situations.

"How do you think Fifi and Pricky feel after they were splashed with water?"

The BLACK (cautionary hat): The Black Hat is used to check what could be a disadvantage in the topic they are learning about. To help children think about the downside of rainy weather, you can ask:

"Why/how do you think rain can be a disadvantage?"

The YELLOW (benefits hat): Check

children's abilities to demonstrate positive thinking about rainy and cold weather by asking:

"What do you like about rain?"

The GREEN (creative hat): Remind children we use the Green Hat to think of other possibilities and solutions about the topic.

"What else could the bear have done to help his friend get dry faster?"

The BLUE (facilitator/reflection hat): Remind children the Blue Hat is used to check whether children are able to sequence the story events in order. Remind them that when we use this hat, we are like a bird in the sky looking down. Asking children to sequence the events of the story helps check children's general understanding of the story events.

Characters: The fox, Fifi, the hedgehog, Pricky and the bear, Benny.

Story taken from Show and Tell level 2 Oxford University Press.

The more students become aware of their own thinking and able to mentally represent this information through visualization, the stronger their cognitive structures will become and therefore the more likely they will achieve better learning results! The fact that this strategy is implemented within learning contexts helps children make direct connections between their own thinking into their lessons without consuming any extra time out of the teachers' busy schedule.

REFERENCES

- Betty K. Garner (2007) Getting to "Got It": Helping Struggling Students Learn How to Learn. United States of America: Association for Supervision & Curriculum Development.
- Dhawan, K. Kishaki, R. L. (2009) Using the Six Hats in Your Classroom. Second Indiana University of Pennsylvania. http://www.learninglink.com/teacher's_conference.htm (accessed July 18, 2007).



The Six Thinking Hats

It is a simple and effective system that increases productivity.

There are no controversial facts and each hat has a certain type of thinking.

You can use it in many ways, but the most common is to use it in meetings.

The wearing of a hat is a metaphor, because it allows you to think from the point of view of the hat.

When you wear a hat, you are not thinking about yourself, but about the problem at hand.

The process behind the Six Thinking Hats is parallel thinking about various issues, with all the participants wearing the same hat and thinking about the same subject at the same time.

In this system, thinking is divided into six categories with each category associated with a color.

Experiments that use the Six Thinking Hats system have shown that their users are more productive and in general "happier and healthier".

The Six Hats



6 Hats Lesson Plan
A Genetics Debate

Alexandra Schoessler

UNIT: Genetics
Time: One class period (50 min)
7th Grade
Life Science

STANDARDS/ELEMENTS:

GSE:
S7L3. Obtain, evaluate, and communicate information to explain how organisms reproduce either sexually or asexually and transfer genetic information to determine the traits of their offspring.
a. Construct an explanation supported with scientific evidence of the role of genes and chromosomes in the process of inheriting a specific trait.

TAG Standards:
Higher Order Critical Thinking Skills:
1. The student asks probing, insightful, and relevant questions
7. The student examines an issue from more than one point of view
8. The student separates one's own point of view from that of others.

ENDURING UNDERSTANDING(s):

Scientists analyze and interpret evidence to inform technological, ethical, cultural and life decisions.

ESSENTIAL QUESTION(s)

Just because we can edit genetic material, does it mean we should?

TEACHER LESSON PREPARATION

- Assign each student to a group ahead of time so there are six heterogeneous groups
- Have class copies of article ready
- 6 Hats laminated explanation sheet (one per hat)
- Response form
 - paper during group
 - final response via Microsoft forms

ACTIVATING STRATEGY

- After students have finished their daily warm-up, the teacher will put on a peculiar hat (I have a "Indiana Jones" hat) and ask the students what they would think if they saw someone wearing this hat. Then the teacher will put on a baseball hat, ask the same question, and finally put the hat on backwards and ask them what they think again. Talk the students and explain that something as simple as a hat can have an affect on your perspective of a person. Today, we will be looking a hot topic in genetics today, and you will all put on different hats (figuratively speaking) and look at this issue from different perspectives.

- Quickly go through and explain the different hats and what they mean using the explanation sheets. Show them that a description is on each sheet with prompts and area to write their response.

Six thinking hats pdf. Six thinking hats. Six thinking hats book.

Offerings from Barnes and Noble (See "Android lovers: don't overlook the Nook" and dedicated manufacturers like Aluratek have offerings slightly higher, near \$130. You should be able to slip a finger between your head and the tape measure or string. Note the measurement on the tape measure. In July, Amazon said its Kindle store had 950,000 books on offer, 800,000 of which were \$9.99 or less. A hat sizer might be available for download from a hat manufacturer's website. If you're shopping for men's hats, measuring your head will be important so you know the circumference before you choose a hat. Measure Your Head Use a flexible tape measure or a length of string and a ruler to measure your head. Another factor that could drive readers to the devices is exclusive content. The Six Thinking Hats method teaches its users to apply divergent thinking to a specific question, suggestion or problem at hand. Already 67.2% of libraries offer some access to ebooks, according to a report issued by the American Library Association in June. Often, we let ourselves be limited by technology. Prices should come under pressure as competitors such as Apple and Google assert their own ebook offerings run on their native software. How did we come up with the idea of this article? We use collaborative methods in the virtual space to foster closeness at a distance and support people in learning from each other across the globe. Local media reports mirror this trend - an October article in the Boston Globe said ebook borrowing rates are climbing quickly at area libraries, although print titles are still far more popular. Keeping it level, encircle your head with the tape measure or the string to bring it around to the starting point. Amazon doesn't disclose its metrics, however, and some pointed out that the company's numbers refer only to unit sales, which could easily be swayed by the thousands of cheap titles available, many for less than a dollar. MORE FROM QUESTIONSANSWERED.NET During this year's Summer Academy for Diversity & Innovation we were exploring new methods and innovative approaches to foster creative thinking, new ways to problem-solving - all in order to leverage Diversity for Innovation. We hope it will spark your innovative thinking, too. This article provides the background of the exercise, some stories and tips on how we've used the Six Thinking Hats from Edward de Bono in training, and how to go virtual with the method. In the overall market, ebooks represented just 6.4% of total revenues for books published for the general public last year, according to the Association of American Publishers, whose membership includes the country's major publishing houses. Position the hat sizer around your head, adjust it snugly and check the size according to the measurements on the sizer. Keep the tape measure or string snug, but not too tight. I very often use additional physical props to add to my participant's experience, such as a whiteboard or flipchart (depending on my possibilities), simple pieces of paper - sometimes of different colours that I use to show something into the camera, printed photographs, post-its and so much more. More information about the method is available here. The question about ebooks is not if they will pass print, but when. One sign of their popularity will be libraries, which monitor their users closely to make better use of tight budgets. One disappointment to users so far has been the pricing of ebooks; Amazon currently lists many books where the Kindle version is more expensive than the print version, after it lost a battle with publishers to fix the pricing of its ebooks. Amazon, which has estimated it holds over 70% of the ebook market, has stayed in the spotlight with new devices like the Fire tablet (see "Amazon Kindle Fire vs. Each hat assumes a different role identified with a symbolic 'thinking hat' and an associated colour. The Six Thinking Hats is a simple, effective parallel thinking process that helps people be more productive, focused, and mindfully involved. However, it was in Gabriela's course where I first saw the method used in the virtual space. Buying a hat in the right size ensures it will fit comfortably and look great. How Are Hats Sized? You'll find some variation in the way hats are sized, depending on the manufacturer and whether the hat is made for men or women. Women's hats are often sized for "one size fits most." Generally, this means that a women's hat will fit a head between 21.5 and 22.25 inches in circumference. Or, if you're in a brick-and-mortar hat store, you could use a hat sizer available in the store. It is always nice to see how I still get that "wow" effect from many participants, except my usual suspects, who have already seen the majority of my tricks. In education and the training field he is very well known for his Six Thinking Hats method. The Academy created diverse and inclusive learning spaces enabling the development of collective intelligence and social innovation. The trend will accelerate as more readers buy dedicated ereaders as well as tablets and phones that can display the books, which is why this holiday shopping season is important. Each hat manufacturer may have unique sizing specifications, so it's always wise to check to see what your hat size will be according to the manufacturer of the hat in question. For example, if your head is 21.5 inches in circumference, your hat size might be a small or size six and seven eighths. Use a Hat You Already Own! If you have a hat that fits well, check to see what size it is. J.K. Rowling's new "Pottermore" website, for example, will begin offering Harry Potter ebooks from 2012. The short answer is... not yet, but we'll have a much better idea in January. Lateral thinking is a way of solving problems using an indirect and creative approach via reasoning that is not immediately obvious, which very often leads to more innovative ideas and/or solutions. I had the tremendous pleasure to conduct a Masterclass about "IMPACTFUL online training: how to create an inclusive environment in the virtual space! Besides my own course, I had the great opportunity to participate in Gabriela Woglow's Astronaut (Advanced) Level course about "Architecting Intercultural Learning for the Modern Learner". Gabriela is a Learning & Development professional, passionate about intercultural skills training, diversity & inclusion, as well as brain-friendly and technology-enhanced learning. One of the activities both of us have been using in different contexts as trainers in the past years is the Six Thinking Hats method from Edward de Bono. The remainder of 2011, with cheap ereaders and tablets on the market in plenty of time for the holiday shopping season, and ebooks more widely available than ever before, will show the strength of ebooks vs. Position the tape measure or string about one inch above one ear. Analysts have long held up \$100 as the line for general acceptance for such devices, and while Amazon's \$199 Fire tablet has drawn much of the attention because of its matchup with the iPad, the company's two new Kindles are \$79 and \$99 when purchased with advertising. If you used a string, stretch it along the ruler to determine the length, which will be the circumference of your head. Compare Head Circumference to a Sizing Chart Once you know your head circumference, you're ready to find out your hat size according to the hat manufacturer. Think about it: the moment we all went virtual almost all of us stopped using physical props to add to the participant's experience. Retail sales have taken a hit this year as the national Borders chain closed its stores after declaring bankruptcy. It was a great example of innovation - adapting learning to 'the new normal'; and so we decided to explore it further. I immediately had the idea to combine the virtual with the physical, meaning to provide the participants with a more tactile experience, adding another layer to the virtual experience. The latest pronouncement was headline-perfect and ricocheted around the Internet and media outlets as the latest sign that paper books are on their way to extinction. Apple (iPad 2") and two new Kindles it unveiled in September, but also with repeated declarations of how ebooks are flying off its virtual shelves. Furthermore, he is the originator of the concept of Lateral Thinking. More information about Edward de Bono is available here. What are the Six Thinking Hats all about? He was nominated for the Nobel Prize for Economics in 2005. Edward de Bono is considered by many as the leading authority in the field of creative thinking, innovation and the direct teaching of thinking as a skill. print. It is used in corporate learning and strategy development worldwide. Whether you're scoping out local Red Hat Society chapters or you just want to make sure a new hat fits you to perfection, take the time to measure your head. You might also find that a hat has an interior drawstring that allows you to make the band tighter or looser. Men's hats have stricter sizing, ranging from small to extra large with either numerical or alphabetical sizing. Chances are that your size in this hat would be close to the size you would need for another hat. Measure With a Hat Sizer Some hat manufacturers have hat sizing strips that you can use to find your hat size. NETWORK WORLD'S HOTTEST TECH ARGUMENTS: Read them all here RELATED: Ladies love ereaders, tablets not so much The company said in May that its digital books were outselling its print books, after reporting last year that they had eclipsed hardbacks. But that is changing. Buzz around the young format has been building since the first mass-market ereader, the original Kindle, sold out in less than six hours in 2007. Who is Edward de Bono? So as ereaders become more popular, users will naturally look for alternative, cheaper ways to fill them with content. The group later released a report on the first five months of 2011, showing that ebook sales had risen to about a fifth of the overall pie during that span, soaring 160% while total hardcover and paperback sales were both down nearly 20%.

George Orwell (pseudonym for Eric Blair [1903-50]) was born in Bengal and educated at Eton; after service with the Indian Imperial Police in Burma, he returned to Europe to earn his living penning novels and essays. He was essentially a political writer who focused his attention on his own times, a man of intense feelings and intense hates. An opponent of totalitarianism, he... In gender studies, hegemonic masculinity is part of R. W. Connell's gender order theory, which recognizes multiple masculinities that vary across time, society, culture, and the individual. Hegemonic masculinity is defined as a practice that legitimizes men's dominant position in society and justifies the subordination of the common male population and women, and other... 08/12/2008 · And for brainstorming approaches, I love Edward de Bono's book "Six Thinking Hats". No hat boxes involved... Everybody does print ads, TV spots, and websites. But they forget that the original purpose of all those things was to reach people and form a relationship between a company's promise and an audience.

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