

A low-angle, upward-looking photograph of a donkey's head on the right side of the frame. The donkey has large, upright ears and a light-colored muzzle. It is looking towards the camera. The background is a bright blue sky with scattered, thin white clouds. In the foreground and middle ground, there is a lush green field with various types of grass and leafy plants. A dark green, semi-transparent rectangular box is overlaid on the lower-left portion of the image, containing white text.

**Out with the old and in
with the innovative:**

**Using a range of the
thinking tools to improve
the delivery and outcomes
of your teaching practice**

Bringing a Geography team into the 21st century and growing a positive growth mind set was my first challenge as the new subject leader of Geography.

I set about incorporating a range of the thinking tools into the everyday practice of meetings and lesson delivery.

The biggest challenge was to change the fixed mind sets and convince a teaching team that there are other more innovative methods of teaching than simply textbook.

I trained both staff and students in the use of the de Bono Thinking Hats to help lead more constructive meetings and to aid teaching and learning so that they were more engaging and fun.

Students are now confident in the use of the Thinking Hats and this is evident in progress and attainment.



1. Encouraging collaboration between a team.
2. Making people feel valued.
3. How to change a fixed mind set within your team: adopting a growth mind set.
4. Out with the old and in with the innovative: using a range of thinking tools to improve the delivery and outcomes of your teaching practice.



Adopting a growth mindset



Blame culture

Too much negativity

Lack of collaboration

Celebration of success

Willingness to try new things



No such word as can't!

YET



Quality of marking and reflection

Try it now!



MAD

MAD - Making a difference to the quality of your work in Geography

Success criteria
What were you asked to do in your previous feedback? Try include more detail and an explanation.

Do you understand what you need to do to improve? Tick ☐ ☒ ☐ ☐ ☐ ☐

Praise - What Went Well
You make some valid points that are relevant to the building of the dam. 5.5/6

NTT - Now Try This
Can you explain how the dam could be used to generate money from tourism?

Student response to NTT
~~The dam could be used to generate money from tourism by advertising it and you could attract people by watersports they could also pay to watch which will get them more money and then come to a tourist attraction. In the future this will benefit people by more tourists visiting the country and they will get more money from the people that visit the dam.~~
Also consider the number of jobs in a hotel.

PAG tips and geographical targets

- To check spellings of words, particularly of basic and key geographical terms.
- To use capital letters after full stops, to start sentences, and for names and places.
- To use more geographical key words and varied sentence openings and be more ambitious in choice of vocabulary.
- To use paragraphs appropriately to set out work. Have you used PEE?
- To use commas to break up longer sentences effectively.

AQA Geography GCSE - Exam style question

Describe and explain the glacial system? 8 marks

Tip - you must use appropriate terminology

The glacial system starts with an input
at the top of the mountain where snow falls and it starts to accumulate and roll down the mountain this section is called the zone of accumulation and its where it all starts. When we start to move out of the zone of accumulation we move into another zone called the zone of ablation this is where the output from the glacier budget such as melting and the glacier starts moving downhill. The end of a glacier is called a snout. The glacier budget is the balance between the input and output of a glacier. L2

MAD - Making a difference to the quality of your work in Geography

Success criteria
What were you asked to do in your previous feedback? Try include more detail and an explanation.

Do you understand what you need to do to improve? Tick ☐ ☒ ☐ ☐ ☐ ☐

Praise - What Went Well
A good structure to your response that includes appropriate terminology. 6.5/8

NTT - Now Try This
Can you explain how the snow turns into ice?

Student response to NTT

SPAG tips and geographical targets

- To check spellings of words, particularly of basic and key geographical terms.
- To use capital letters after full stops, to start sentences, and for names and places.
- To use more geographical key words and varied sentence openings and be more ambitious in choice of vocabulary.
- To use paragraphs appropriately to set out work. Have you used PEE?
- To use commas to break up longer sentences effectively.



**Using a range
of thinking tools
to improve the
delivery and
outcomes of
your teaching
practice.**



In thinking lessons the teacher has to be firmly in charge of the class.

Lessons are designed to provide the basic outline of a thinking course which treats thinking as a direct skill.



Thinking lessons can only be as good as the teacher who teaches them.

Teachers have to learn how to use the tools. It is difficult to ride a bike until you learn how.



The basic principles underlying the tools are:

Thinking is a skill which can be developed.

Most practical thinking takes place in the perception stage.

The tools method is used to teach thinking.

Using images to their potential



How observant are you?



1. The Maldives?

What makes
this place
fantastic?

Put away your passport (and your sun cream): this perfect white sandy shore is actually Seilebost Beach in the Outer Hebrides, Scotland.



3. Ancient Greece?

No, this is Cornwall. The Minack Theatre is an open-air theatre, constructed above a gully with a rocky granite outcrop jutting into the sea.

The theatre is at Porthcurno, 4 miles from Land's End in Cornwall, England.



Responding with wonderment and awe



Where would you want to go?

Who would you want to take with you?



Thinking outside the box

Engagement task
get your intelligence working

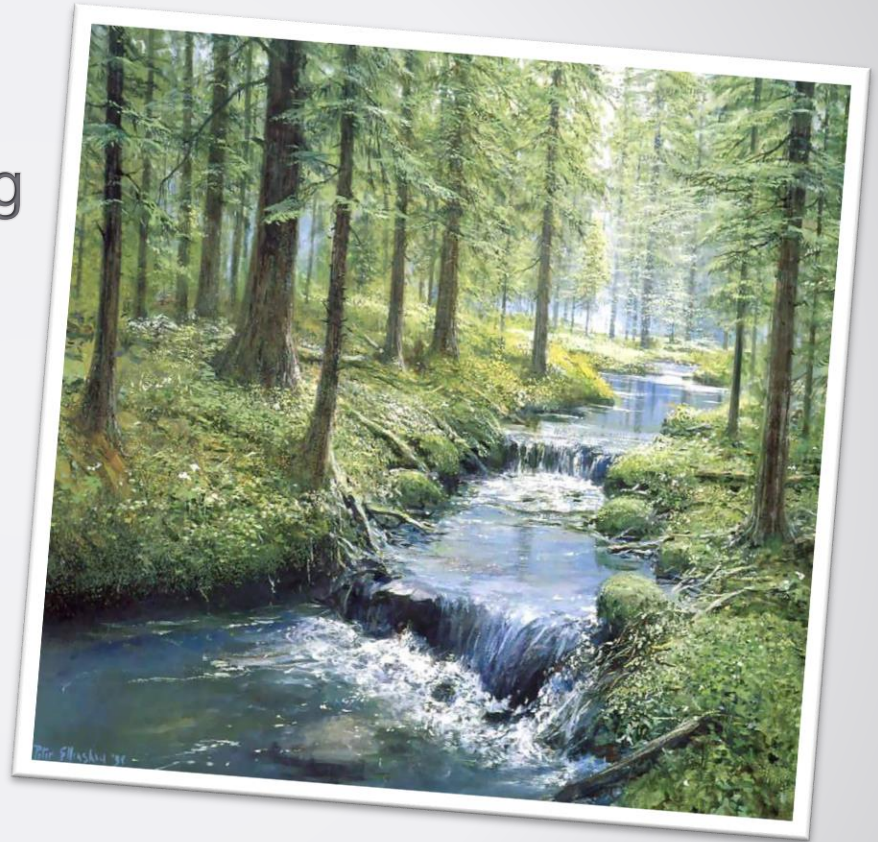
**Do dogs
remember
their
puppyhood?**



Thinking outside the box

Engagement task
get your intelligence working

**Can you
step in the
same river
twice?**



**HOLMFIRTH
HIGH SCHOOL**
NATIONAL LEADERS OF EDUCATION AND LEADING EDGE SCHOOL

De Bono Hats



THE
6
HATS



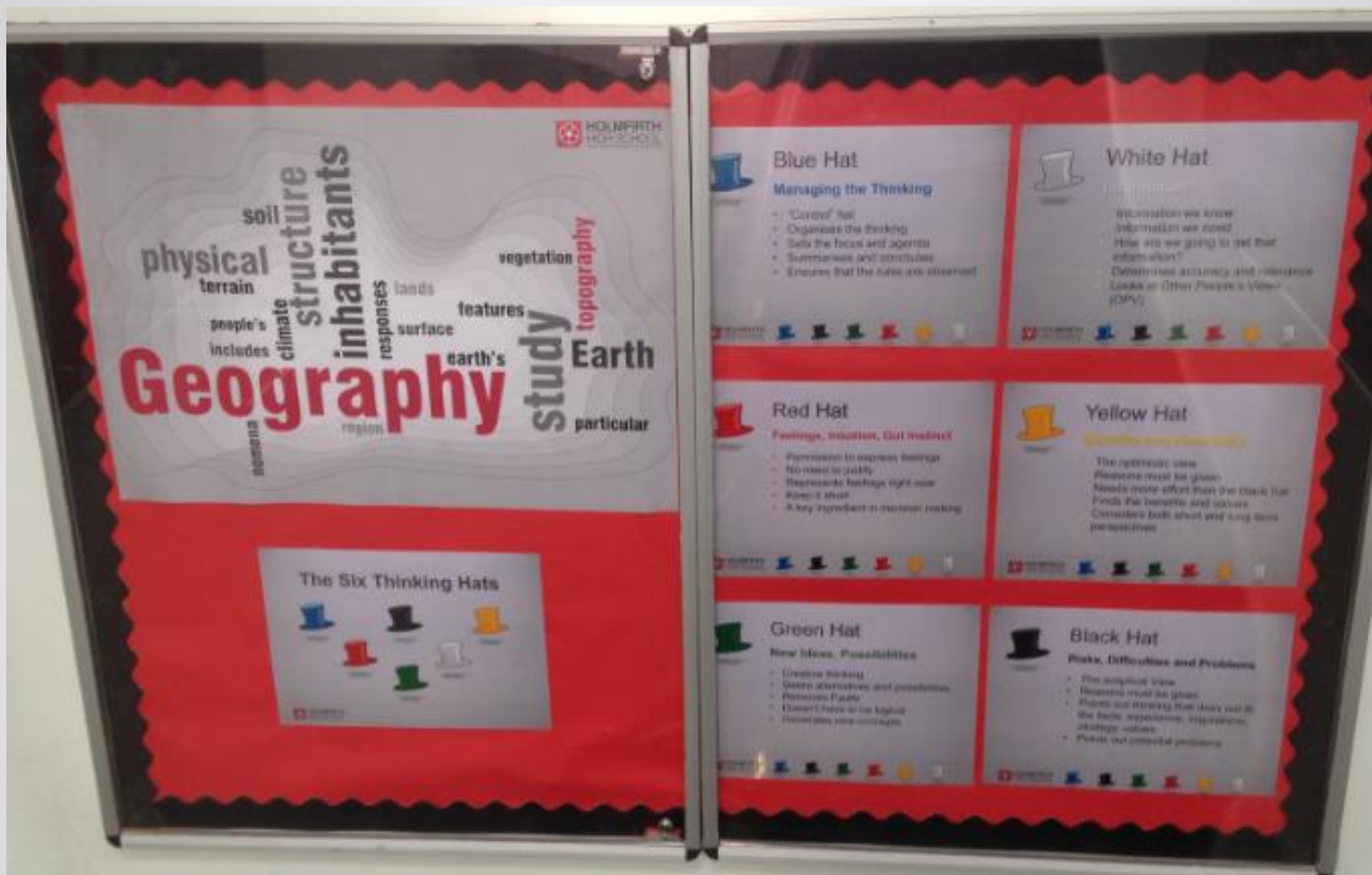


Improve the effectiveness of meetings



Each thinking puts forward thoughts in parallel with the thoughts of others-without attacking or judging. It allows cooperative exploration instead of adversarial confrontation.





Engagement task



Red hat – why should we be concerned by the discovery of the Ice Man?



Engagement task



Red hat – How do I feel about this?



White hat – what information is known and needed?



**HOLMFIRTH
HIGH SCHOOL**
NATIONAL LEADERS OF EDUCATION AND LEADING EDGE SCHOOL



Yellow Hat -

The Government will not pay out for any future flood damage.

What are the benefits/
values of the government
not paying out huge sums
to the victims?

Give a positive
viewpoint on the topic



**REASONS MUST BE GIVEN
- 2 MINUTES -**



**HOLMFIRTH
HIGH SCHOOL**
NATIONAL LEADERS OF EDUCATION AND LEADING EDGE SCHOOL

Engagement task



Green hat - Ship wrecked on a desert island



How would you get to safety?



Direct Attention Thinking Tools (DATT)

- Consequences and Sequels
- Recognize, Analyse, Divide
 - Consider All Factors
 - Aims, Goals, Objectives
 - Alternatives, Possibilities, Choices
 - Other People's Views
 - Key Values Involved
 - First Important Priorities
 - Design/Decision, Outcome, Channels, Action
- Plus, Minus, Interesting



P.M.I.

School students should be paid £10 per week for 100% attendance, effort and punctuality.





What do these photos tell us about Nepal?
CAF – Consider All Factors



What were the effects of the earthquake?



FIP - First Important Priorities





The Thunks

Can animals
be naughty?

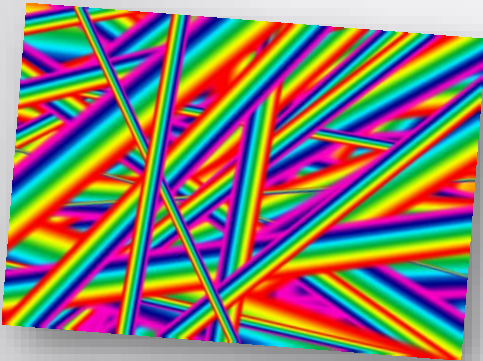


**Where do thoughts
come from?**

Create a *stimulating* teaching environment



or



Improving examination outcomes become an exam marker!

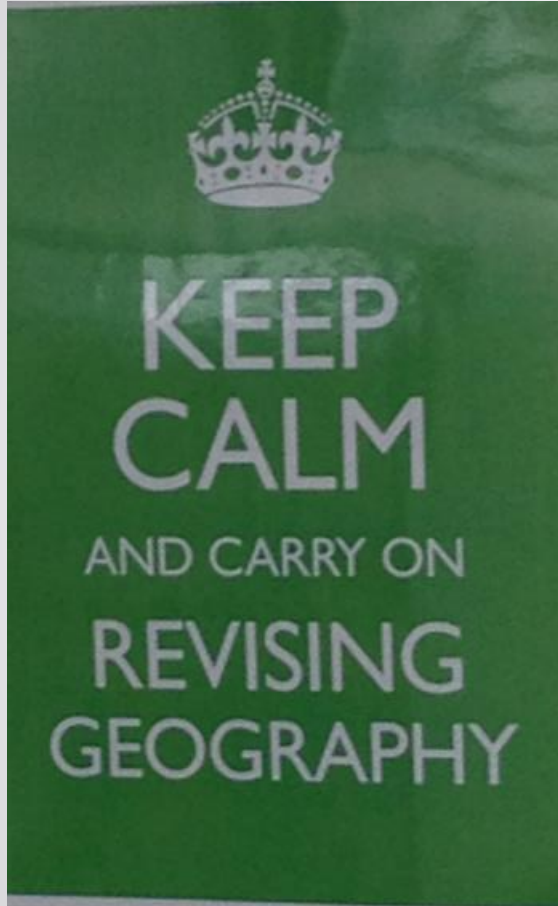


The bigger picture!



**HOLMFIRTH
HIGH SCHOOL**
NATIONAL LEADERS OF EDUCATION AND LEADING EDGE SCHOOL

Raising the profile of revision



Get in there
before
everyone
else!



Persist at intervention
there's always another approach!

