Liberating the Creative Mind

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Are you creative?

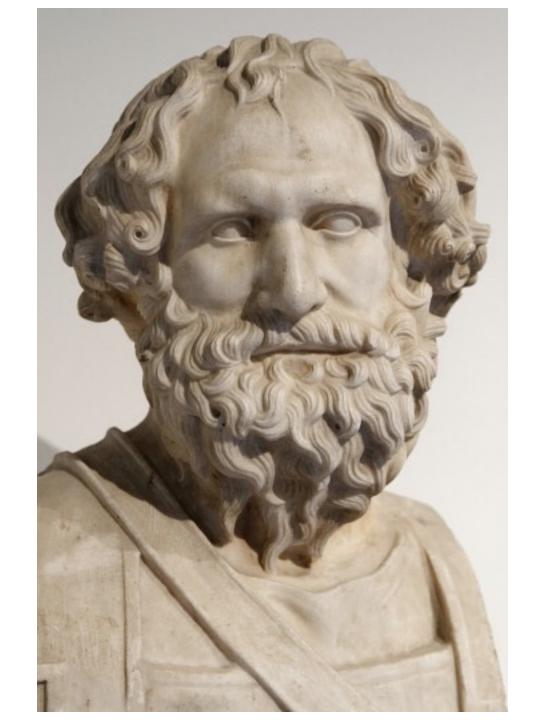


Did you draw or paint as a child?

NASA devised a test to measure creative thinking

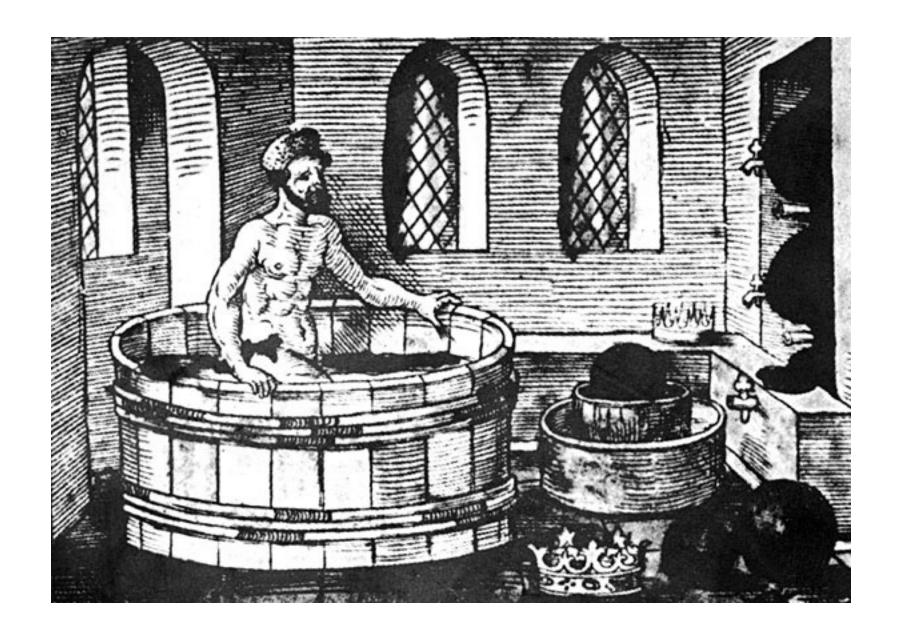
- When they applied it to 3–5-year-olds, 98% came out at genius level
- At ten years old, 30% were genius level
- At 15, 12%
- By age 31, 2%
- Why?
- Does it matter?
- And if it does, what can we do about it?

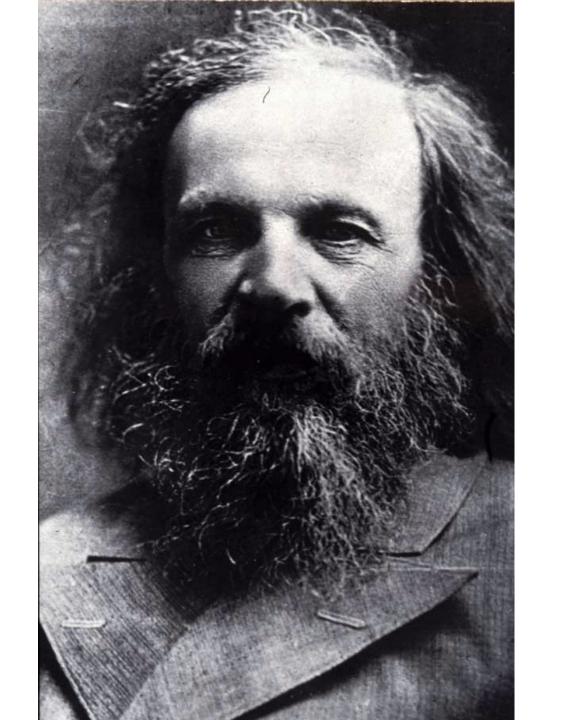
How to be creative

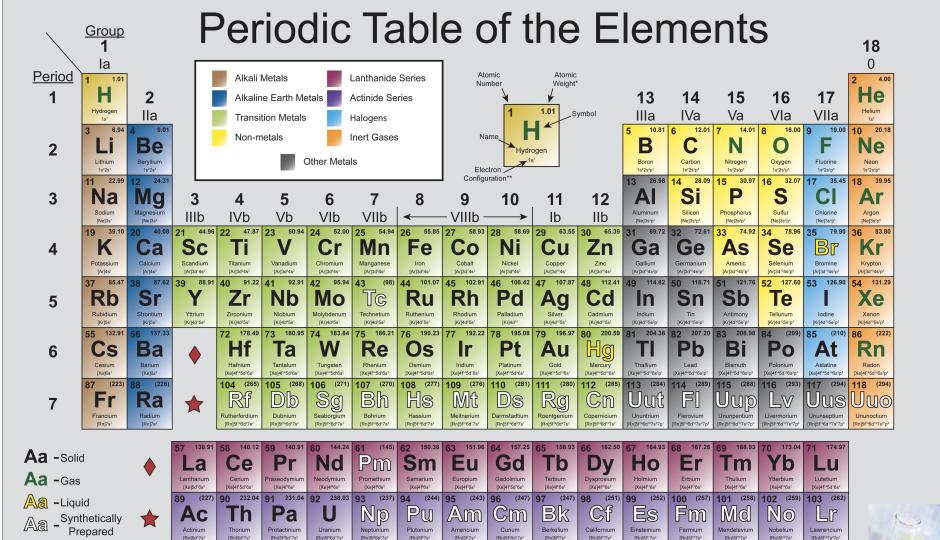


Archimedes' Principle

The buoyant force acting on a submerged or floating object is equal to the weight of the displaced fluid.







^{*} Based on Carbon-12. (###) represents most stable or most stable expected isotope

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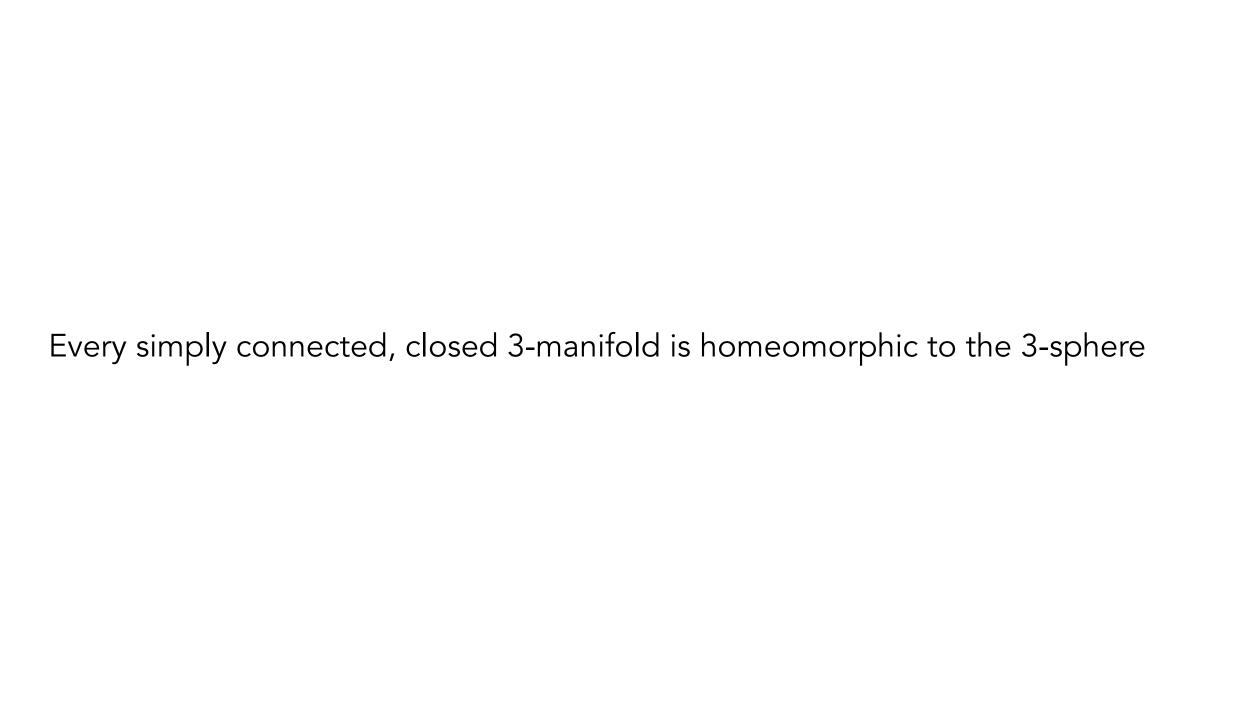
"cutting edge science for the classroom"



^{**} Some electron configurations are based on theoretical expected arrangements.



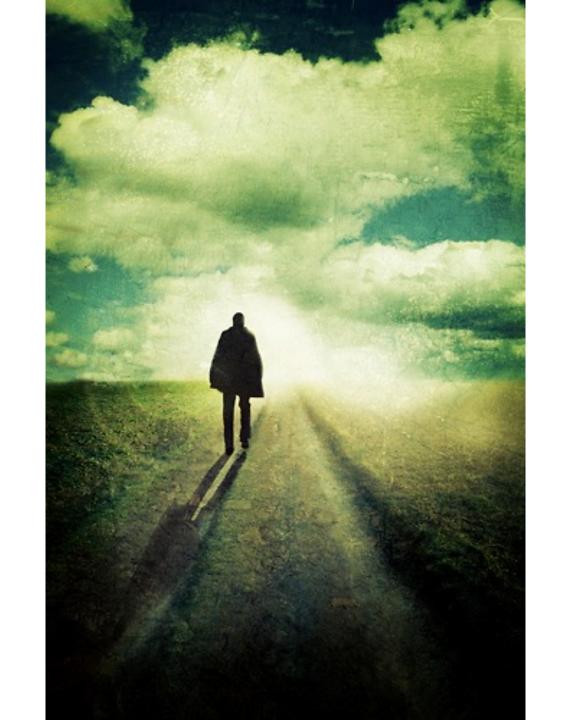




Poincaré

believed that logic was not a way to invent but a way to structure ideas and that logic limits ideas Instead, he favoured walking.

He believed it made the ideas fixed in his head move around and come into contact – it provoked serendipity

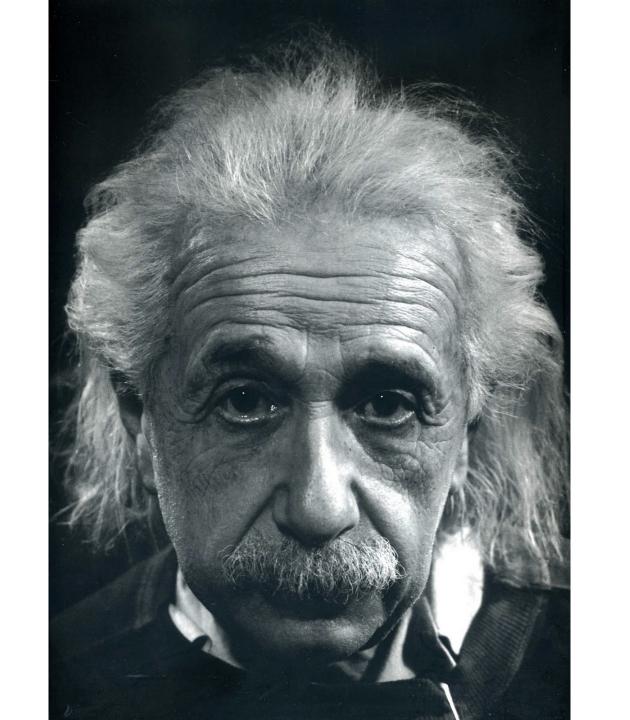


What's so special about these activities?

You're not at a desk, on the phone, doing email or even trying to do anything at all.

Which means another part of your mind – the undermind, or subconscious - can push up into your conscious mind.

Provided it has been fed and watered.



E-mc²

Albert Einstein, 1905.

'When I examine myself and my methods of thought I come to the conclusion that the gift of fantasy has meant more to me than my talent for absorbing positive knowledge.'

Einstein

He imagined what it would be like to ride on a beam of light

But you don't have to imagine anything

You just have to stop trying to find an answer

Information

Incubation

Inspiration

Evaluation

Information =

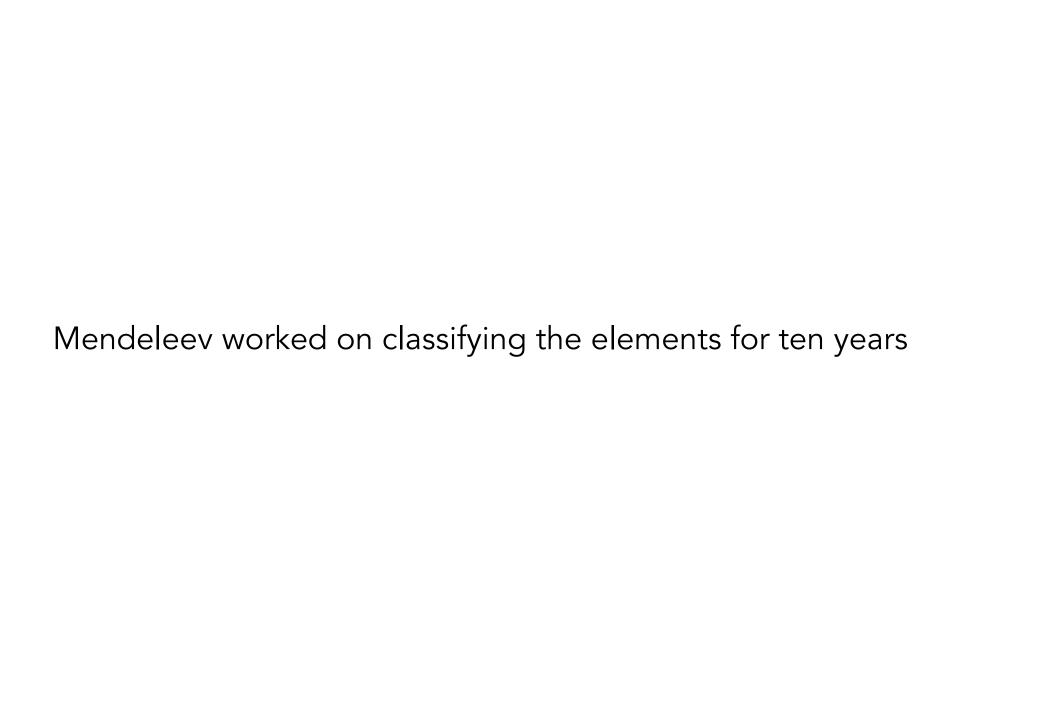
Brief

+

Observation

+

Questions



When he stopped trying to find an answer, it came to him

Same for Archimedes

Incubation

Calming of the mind

Not consciously thinking about the question

Doing something else (or nothing)

Return to it in a state of negative capability



My heart aches, and a drowsy numbness pains
My sense, as though of hemlock I had drunk,
Or emptied some dull opiate to the drains
One minute past, and Lethe-wards had sunk:

'Negative Capability - that is, when a man is capable of being in uncertainties, mysteries, doubts, without any irritable reaching after fact and reason.'

Not trying to find an answer

≠ not thinking

It means not thinking in our default mode

$$2 + 2 = 4$$

There are only 10 types of people in this world; those who understand binary and those who don't.

You have to let your undermind take over

Relax

Like in a bath

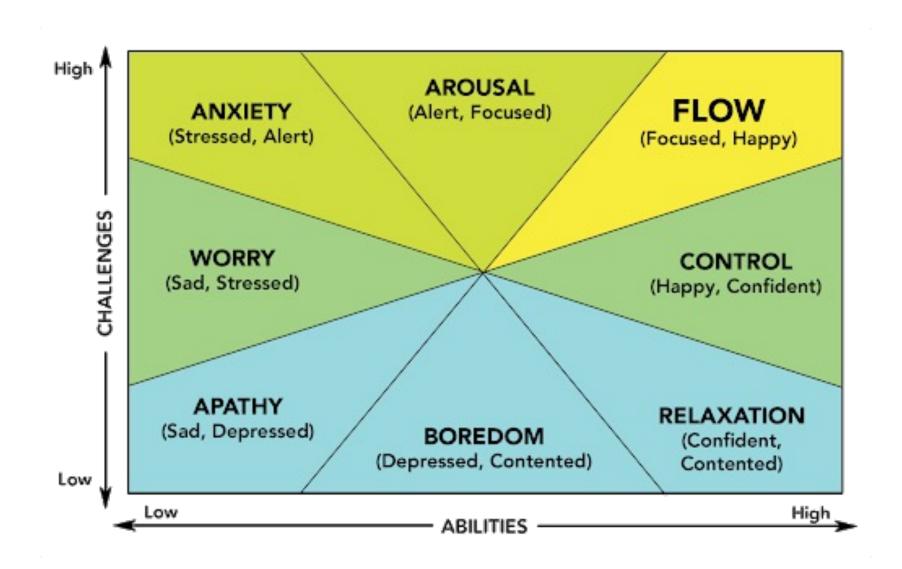
Bed

Or walking

The conditions for creative thinking are:

- Time
- Space
- A tight brief
- A deadline
- Information
- Experience

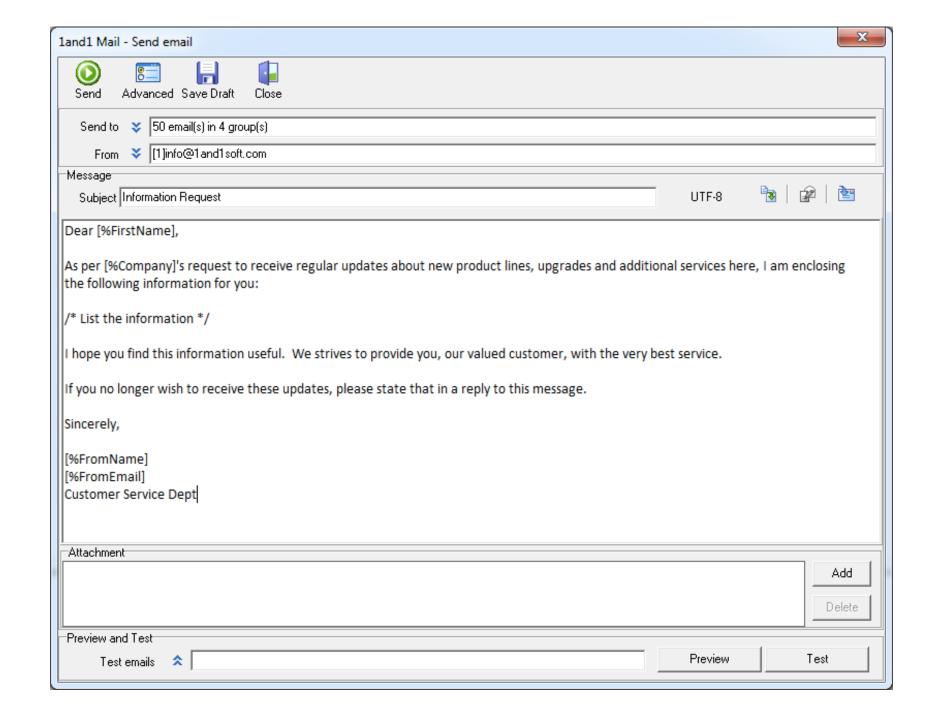
The Psychology of Flow



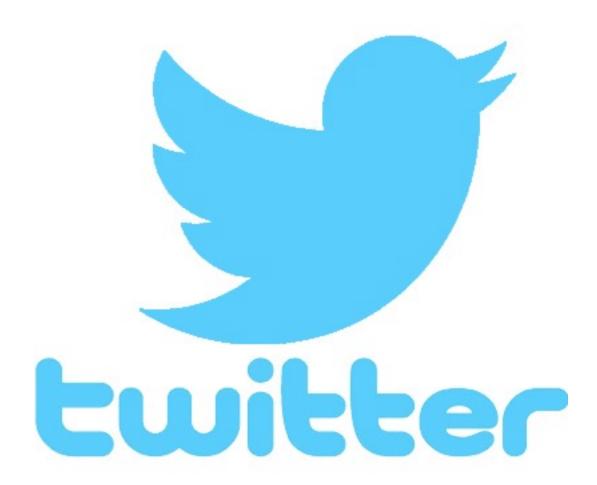
"Being completely involved in an activity for its own sake. The ego falls away. Time flies. Every action, movement, and thought follows inevitably from the previous one, like playing jazz. Your whole being is involved, and you're using your skills to the utmost."

What's stopping you?





facebook





Sleep faster, we need the pillows



The role of the creative director

If we want to liberate the creative minds of children in school, we need first to liberate the creative minds of their teachers.

Liberate you from what?

- League tables
- The national curriculum
- Examinations
- Traditional subject boundaries
- Set books
- Limiting ideas about education
- emails

The cultural context

- Creativity is childish
- It's play
- It's not important compared to hard subjects
- You're not going to get a job doing it
- You're not very good

It's true that creativity is childish.

Picasso said,

'Every child is an artist; the problem is staying an artist when you grow up.'

'It took me four years to paint like Raphael, but a lifetime to paint like a child.' And it can be playful – even fun.

Why is this a bad thing?

And it's therefore not important, like a hard subject.

Sometimes, in my agency, we'd job swap.
The suits always maintained the creatives had it easy.
So we'd give them a brief, etc.
And then they'd be faced with this:

Meanwhile, the creatives had been answering the phones...

And you're not going to get a job being creative?

In 2021, creative industries contributed £109bn to the UK economy – 5.6% of the total.

That sounds like a lot of jobs.

Perhaps someone should tell the government?

And finally – you're not very good.

Every single creative person I know suffers from imposter syndrome

Including me

Because every one of us has been told we're not good enough

And now, at my vast age, I think it was pure jealousy

Because we were doing what everyone wishes they were doing – making something new

'If you hear a voice within you say,
"you cannot paint,"
then by all means paint
and that voice will be silenced.'

Van Gogh

So – if I were in charge of education,

I would encourage creative thinking in all subjects.

Because I think the world needs as many creative thinkers as it can get.

Because it makes life better

And because we've got ourselves into a bit of a mess

And I would do it by

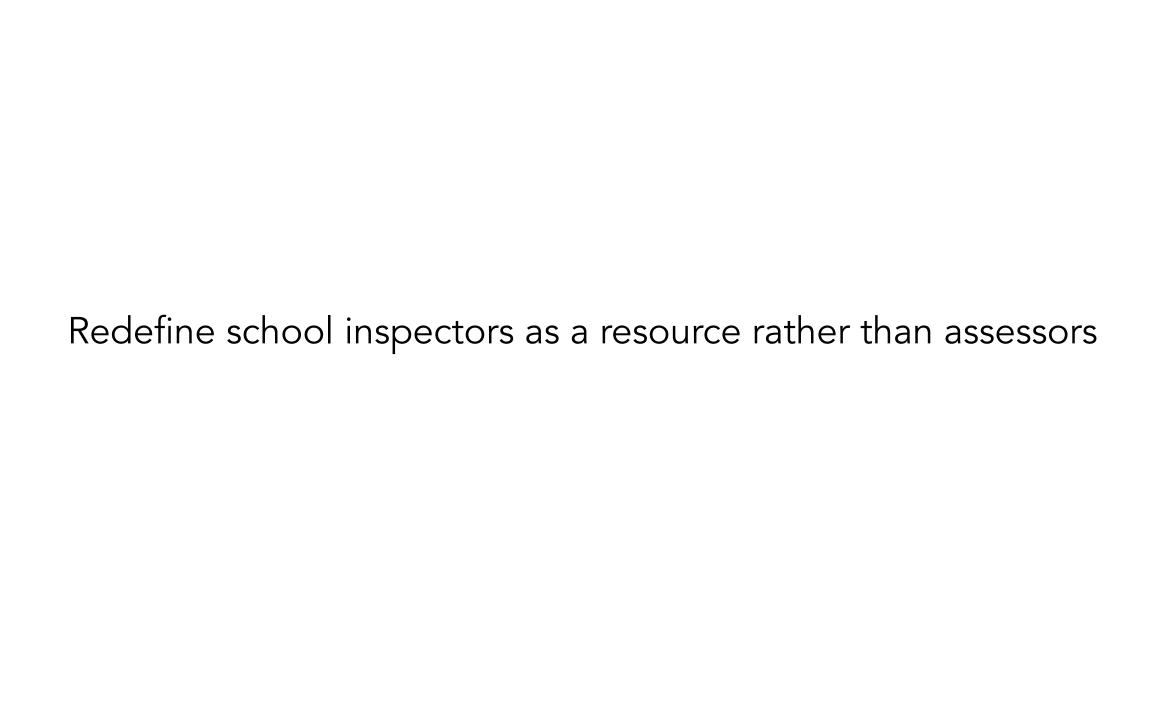
Scrapping league tables

The national curriculum

Exams

Set books

Encourage cross-curricular learning



Halve the class sizes

Fit carpets and curtains in every classroom

You may say that I'm a dreamer...

'But a man's reach should exceed his grasp – or what's a heaven for?'

Cruelty to children must stop. Full stop.

What's your vision?