



The Portable Panopticon: morality and mobile technologies

Martin De Saulles
David Horner

CMIS Research Seminar
10 February 2010



flickr



YouTube



twitter

Ethical Issues of Emerging ICT Applications (ETICA)

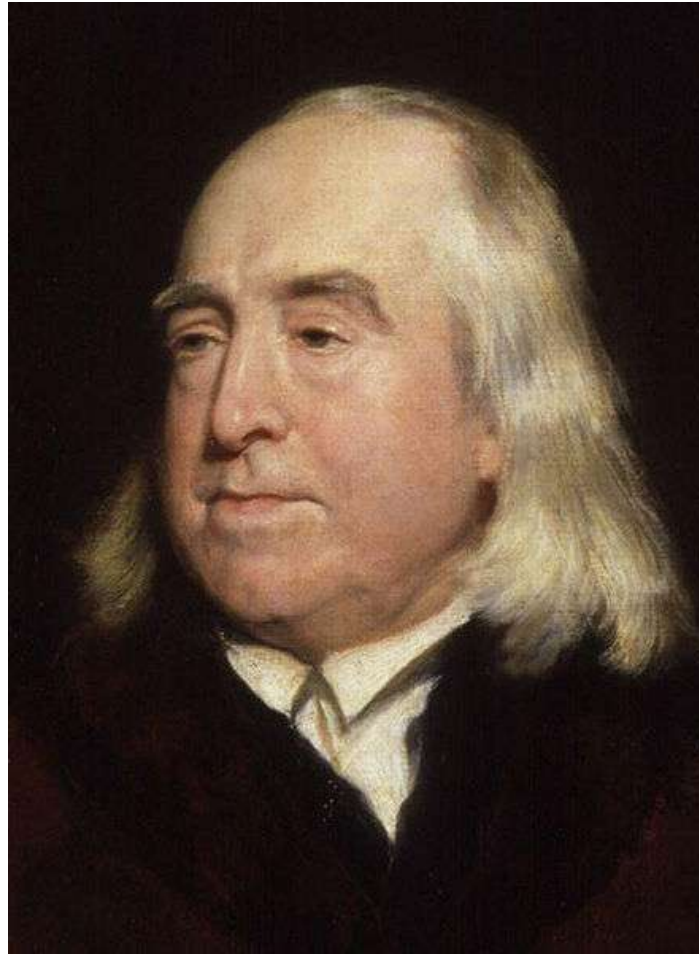
ETICA – a European research project funded under the Science in Society 7th Framework programme hosted at CCSR De Montfort University:

- To explore which technologies are likely to be dominant in the medium term future (10 – 15 yrs.)
- To investigate ethical issues they are likely to raise;
- To provide recommendations for governance arrangements suitable to address such issues

1st ETICA International Conference – Rovira and Virgili University,
Catalonia, Spain, 13th April 2010.



Jeremy Bentham

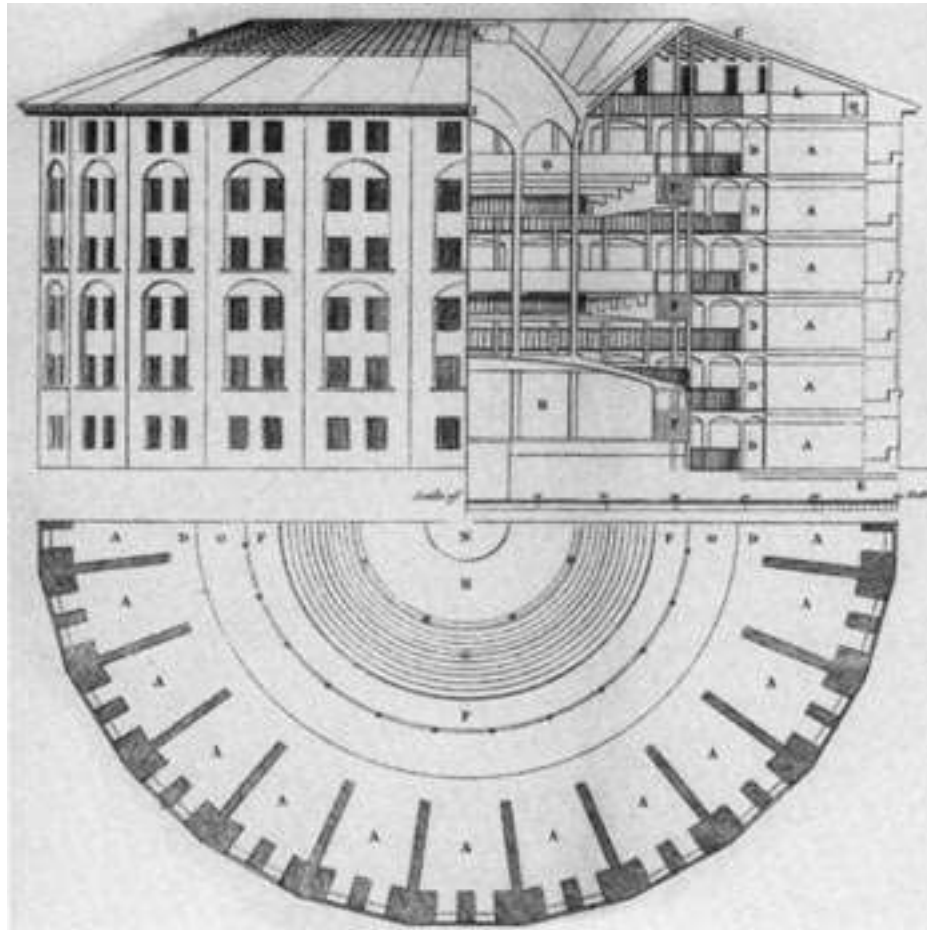


Bentham's panopticon

- Social and moral control through architecture:

‘...at the periphery, an annular building; at the centre, a tower; this tower is pierced with wide windows that open onto the inner side of the ring; the peripheric building is divided into cells, each of which extends the whole width of the building; they have two windows, one on the inside, corresponding to the windows of the tower; the other, on the outside, allows light to cross the cell from one end to the other. All that is needed, then, is to place a supervisor in a central tower and to shut up in each cell a madman, a patient, a condemned man, a worker or a schoolboy.’ (Foucault, 1991, p.200)

A panopticon



Effects

- Power becomes non-corporeal (a reversal of the dungeon)
- The inmate 'becomes the principle of his own subjection'
- Power is
 - Visible
 - But Unverifiable

Benefits of the Panopticon

‘Morals reformed – health preserved – industry invigorated – instruction diffused – publick burthens lightened – Economy, as it were, upon a rock – the gordian knot of the Poor-Laws not cut, but untied – all by a simple idea in architecture!’ (Bentham, 1843)

Illinois State Penitentiary



Theorizing the Surveillance Gaze

- Foucault – appropriation of Bentham; - the architectural figure becomes ‘a figure of political technology’;
- *Discipline and Punish: the Birth of the Prison* (1975)
- theory of ubiquitous power based on continuous observation;
- Mechanism of social control – centralised and localized into the ‘capillary’ levels in the minutiae of everyday life;
- The unseen observer - the state, bureaucracy;
- From the society of the spectacle to the disciplinary society.

Electronic Panopticism

- Physical architecture → Electronic architecture
- Proliferation of electronic surveillance technologies;
- The power of unobtrusive electronic data gathering;
- From police work to database marketing;
- Surveillance cameras – ‘visible’ & ‘unverifiable’

Reworking Panopticism (Hypothesis)

- Revolution in mobile technologies
- Decentralized model of surveillance
- Non institutional
- Individualized and Privatized
- Mechanism of self regulation
- A decentred disciplinary society

Stages of an Open Technological Revolution (Moor, 2008,p.28)

	Introduction	Permeation	Power
Devices	Esoteric	Standardised	Leveraged
Users	Few	Select	Many
Understanding	Elite	Trained	Common
Cost per use	High	Medium	Low
Usefulness	Limited	Moderate	High
Integration into society	Minor	Moderate	Major
Social Impact	Marginal	Noticeable	Significant

'The Computer Revolution'

	Introduction	Permeation	Power
Time	1950 – 1960s	1970s –early 1980s	2000+ → ?
Devices	Main Frames	Mainframes/PCs	PCs/Internet
Users	Few	Select	Many
Understanding	Elite	Trained	Common
Cost per use	High	Medium	Low
Usefulness	Limited	Moderate	High
Integration into Society	Minor	Moderate	Major
Social Impact	Marginal	Noticeable	Significant



Source: Morgan Stanley

Smartphone of 2009 = As Powerful as PC of 2001

Apple iPhone 3GS



As Powerful...



...But Fits Easily In
Your Pocket

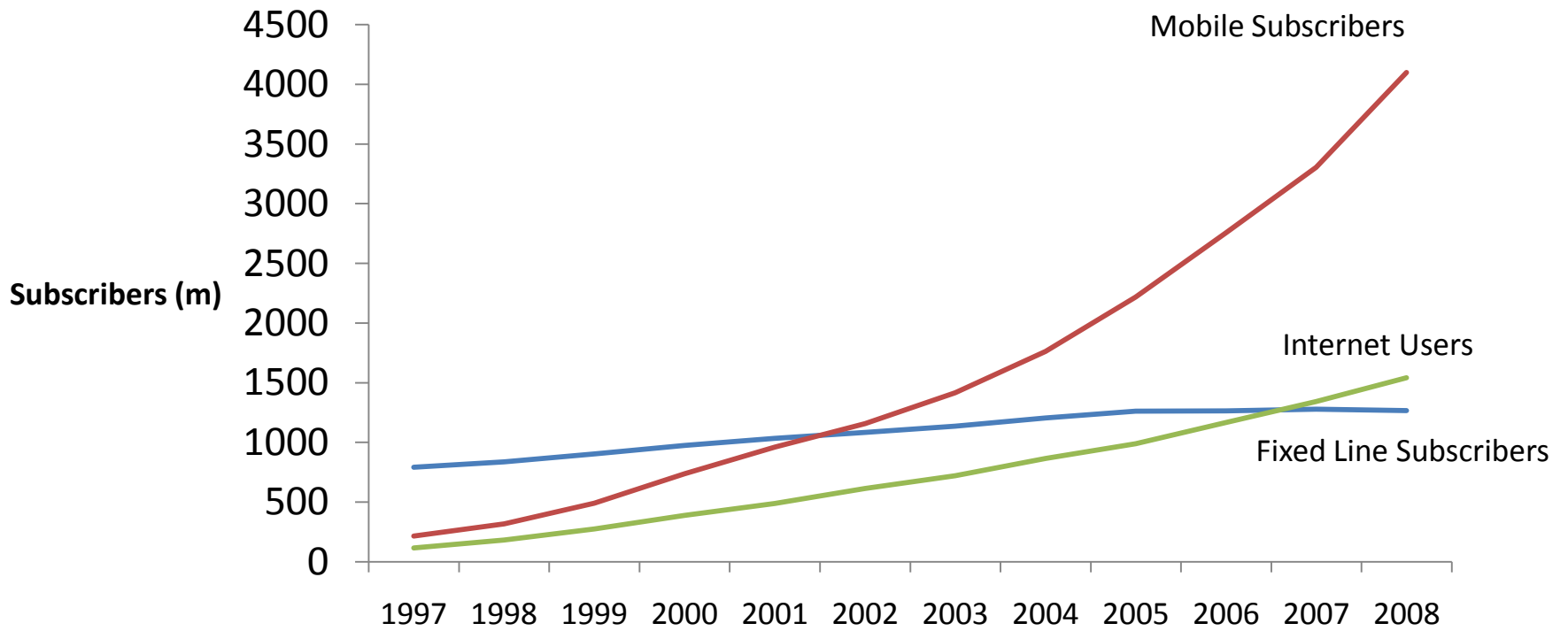
Apple iMac G3/600



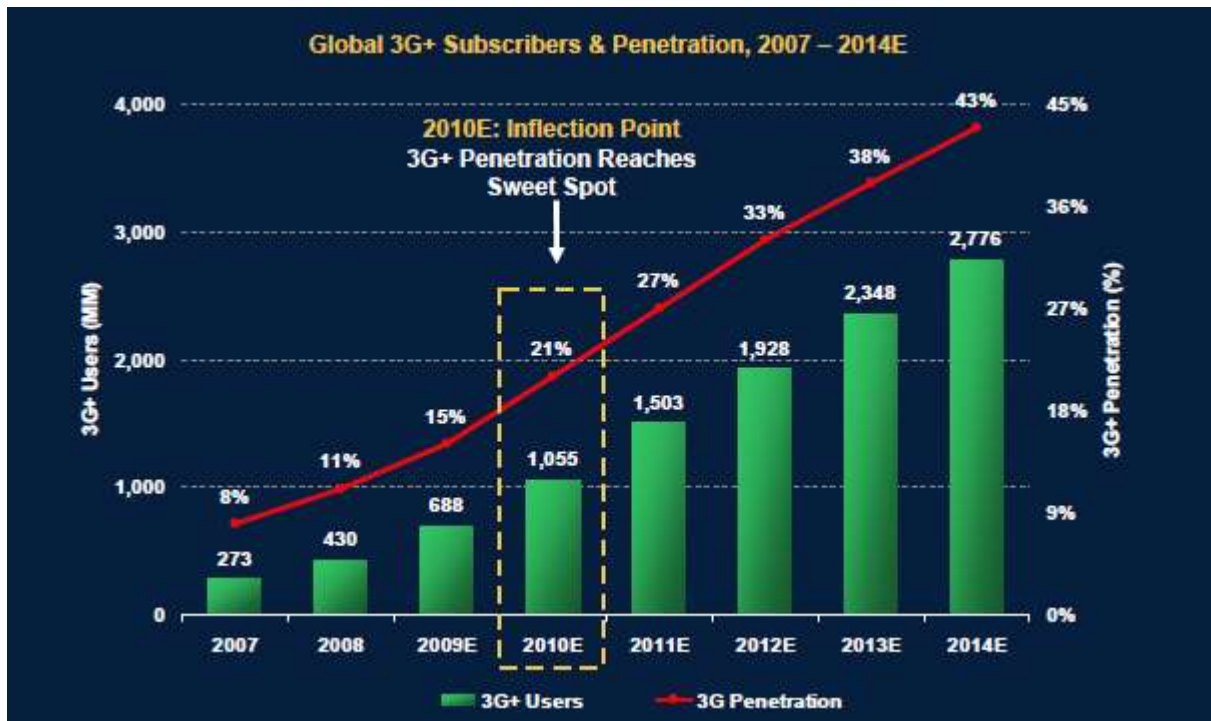
6/8/2009	Introduction Date	7/18/2001
600 MHz	Processor Speed	600 MHz
256 MB	Standard RAM	256 MB
16 / 32GB	Storage Capacity	40GB
320x480	Display Resolution	800x600
4.5" x 2.4" x 0.5"	Dimensions	15.0" x 15.0" x 17.1"
\$599 - \$699	Price	\$999 - \$1299

Source: Morgan Stanley

Rise of Mobile

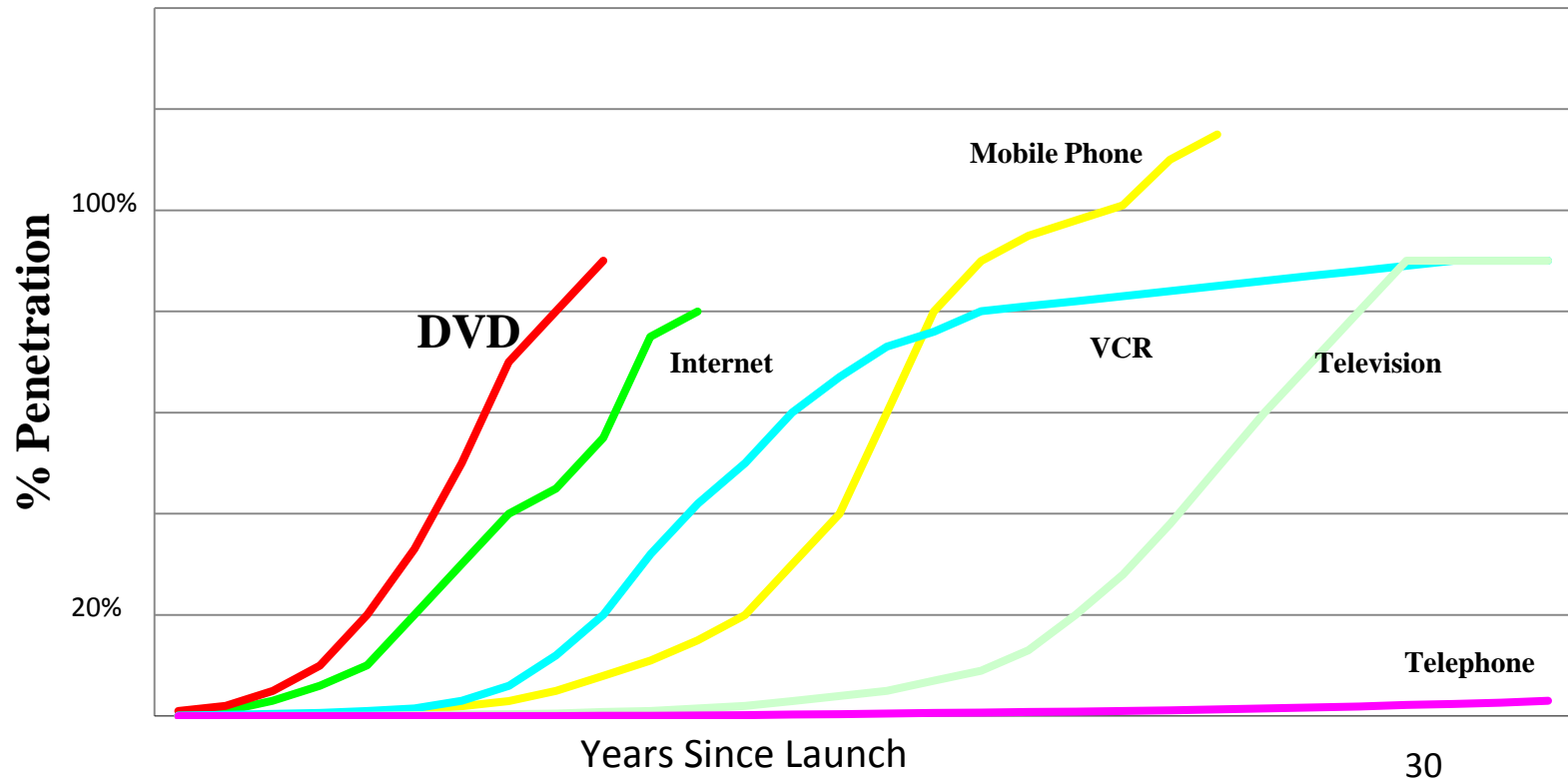


Source: ITU



Source: Morgan Stanley

Increasing Speed of Adoption



Source: Oftel, Milken Institute

Public



flickr
twitter
You Tube



Private



Organisational

Personal

Abundant



Scarce



Fixed

Mobile



Source: <http://www.flickr.com/photos/subcircle/>

Source: <http://jamblichus.wordpress.com>



Photo: Tristram Sparks, <http://www.flickr.com/photos/friendly-fire/3287739662/in/set-72157613984292743/>



Photo: Liam Oliver Newton Craik-Horan, <http://www.flickr.com/photos/liamch/3423810669/>

Source: <http://prisonphotography.wordpress.com/2009/04/17/photographers-press-and-the-guardian-vs-uk-law/>



Why do we bother (Pt 2)

Once again, recycling is hurled into one big heap

By Andrew Levy

THEY really should have learned their lesson by now.

But these binmen have been caught throwing bags of carefully separated refuse along with unsorted household waste into a dustcart destined for landfill sites.

These images were taken by Michael Bishop, who filmed the refuse collectors on a home video before putting the damning 78 seconds of footage on Facebook.

It comes a fortnight after the Mail reported how residents in Chordon, South London, had filmed a binman signing the squares of a roadside of recycling boxes into a wheelie bin, before dumping the rubbish into the back of a dustcart.

A sign on the lorry stated: 'My next stop is landfill!'

After the latest incident, Mr Bishop, a father of one from Margate in Kent, yesterday said he was proud to have 'spied' on the workers near his home.

He wanted to turn the tables on councils using anti-terror laws to snoop on householders. 'I have



The binman lifts up the blue and black bags



He throws them both into the dustcart



The dustcart sets off towards the landfill site



From the Mail, September 26

grown tired of all the council's promises and their extra spying policies, so this is me spying on them doing the dirty on everyone who has separated and cleaned their recycling just to be thrown

into a landfill, he said. The 41-year-old computer technician felt compelled to act because the binmen, who work for Thanet District Council, had been getting away with it for months.

'I got so fed up with it that I decided to do something,' he added. 'People have a right to know that the system is not working.'

The footage, which was taken on Wednesday, shows three lorries waiting in a row as the binmen emerge from the bottom of streets with a load of bins.

One lorry's dustman, wearing brown and a black T-shirt, is clearly seen holding a black household waste bag in one hand and a

blue recycling bag in the other before putting them together into the same dustcart.

'Towards the end you see the actual recycling bags in their truck just sitting there while the blue bags are passed into the dustcart in front of them,' said Mr Bishop. 'Neatly residents yesterday condemned the workers' attitude.'

'I don't know how they can defend their actions,' said John Blackmore. 'These binmen are just plain lazy. They are showing contempt for the environment.'

Chris Hart, leader of the opposition Labour group on Thanet Council, called by the binmen to be retained. 'Unfortunately, the

outcome of this film is that lots of people are going to say 'Why am I bothering?', he said.

Thanet Council yesterday claimed the bags had been sent to landfill sites as they were contaminated with non-recyclable waste.

Councils across Britain have pledged to recycle 40 per cent of all domestic waste by 2011.

Many have also been taking advantage of controversial powers designed to snoop on householders suspected of terrorist crimes.

Citizens have been investigated for 'offences' including putting bins out on the wrong day.

a.levy@dailymail.co.uk



Margate in Kent, yesterday said he was proud to have 'spied' on the workers near his home.

He wanted to turn the tables on councils using anti-terror laws to snoop on householders. 'I have

grown tired of all the council's promises and their extra spying policies, so this is me spying on them doing the dirty on everyone who has separated and cleaned their recycling just to be thrown

Pupils film attack on girl, 14, and then post it on Facebook



TOURIST
 FOOTAGE of a 14-year-old girl being attacked in a public place has been posted on a website, and then on Facebook. The girl, who is now recovering in hospital, was attacked by a group of pupils at a school in south-west London. The attack was filmed on a mobile phone and the footage was then posted on Facebook. The girl's father, who is a teacher, said he was shocked by the incident. He said the pupils who filmed the attack were aged between 12 and 14. The girl was taken to hospital with a head injury and a broken nose. She is now recovering from her injuries. The school has been told that the pupils who filmed the attack have been suspended. The school has also been told that the pupils who posted the footage on Facebook have been suspended. The school has also been told that the pupils who were involved in the attack have been suspended. The school has also been told that the pupils who were involved in the attack have been suspended.

TIMES ONLINE

NEWS COMMENT BUSINESS MONEY SPORT LIFE & STYLE TRAVEL DRIVING A
 UK NEWS WORLD NEWS POLICE SCIENCE ENVIRONMENT HEATHER TECH & WEB VIDEO PHO

Where am I? Home News UK News Crime News

From The Times

February 10, 2010

Girl faces jail for 'happy slap' pictures

Frances Gibb, Legal Editor

RECOMMEND

A schoolgirl faces a custodial sentence for filming a brutal and fatal attack on a mobile phone.

The conviction was described as a legal landmark yesterday because it is thought to be the first successful prosecution of someone who filmed a "happy-slapping" attack but did not also take part physically.

The 15-year-old, who cannot be named for legal reasons, pleaded guilty to aiding and abetting the manslaughter of Gavin Waterhouse last September when she filmed the attack on a mobile phone.

TIMES RECOMMENDS

Telegraph.co.uk

SEARCH powered by Google

Home News Sport Finance Lifestyle Comment Travel Culture Technology Fashion Ads Dating

UK World UK Politics Celebrities Obituaries Weird Earth Science Health News Education Topics News Blogs

Royal Family Religion Road and Rail Defence Law and Order Scotland Northern Ireland

HOME NEWS UK NEWS

Stop bullying: ban YouTube, teacher says

By Gary Cleland
 Published: 12:01AM GMT 15 Jan 2008

Bullying could be prevented if children were banned from posting videos on YouTube and taking their mobile phones into classrooms, a head teacher has said.

Vincent Capaldi, the deputy head at Wimbledon College, a Catholic boys' school in south-west London, said it was too easy for pupils to film incidents of bad behaviour and bullying, and post the footage online.

Related Articles
 Nine boys were suspended last year from the school after Mr Capaldi discovered a clip of them shouting obscenities and vandalising a bus roof.

Mr Capaldi said: "There are too many of these types of videos on there, with children behaving in a foolish, anti-social way."

Share icons for Facebook, Twitter, and others.
 Download PDF icon.
 Email icon.
 Print icon.
 Text Size icon.

LOCAL LISTINGS
 Willis & Wright
 Manufacturers of Aluminium
 Competitive Windows, Doors
 Tisbury Wiltshire
 Trade Carpets & Beds
 Wood, Timber & Laminate Fit
 Tisbury Wiltshire

Submit your Question NOW

Praise for teacher who secretly filmed pupils' bad behaviour

Supply teacher denies allegation of unacceptable professional conduct for covertly compiling footage for TV documentary

But not Digg it

Press Association
guardian.co.uk, Monday 15 March 2009 18:50 GMT
Article history



W
C
K
to
in



NEWS LIVE BBC NEWS CHANNEL

Page last updated at 17:13 GMT, Saturday, 5 December 2009

[E-mail this to a friend](#) [Printable version](#)

Teacher filmed stripping in front of class reprimanded

A supply teacher filmed stripping off in front of a class at a Suffolk school has been found guilty of misconduct.

A pupil filmed Martin Rouse removing his shirt in June 2008 at Sudbury Upper School and put the footage on YouTube.

The teacher, who had also threatened to throw a pupil out of a window, was banned from all schools in Suffolk.

Now the General Teaching Council (GTC) has issued Mr Rouse a reprimand for what it called an ill-considered attempt to control a class.

In a statement the GTC said: "Mr Rouse removed his shirt in a classroom which was a clear breach of the standards expected of the profession.

"The video of the incident became publicly available and

SEE ALSO

- Stripping supply teacher banned

12 Jun 08 | England

BBC Suffolk
Sport, travel, weather, things to do, features and much more

The video of the teacher's routine was posted on website YouTube

News Front Page

- World
- UK
- England
- Northern Ireland
- Scotland
- Wales
- Business
- Politics
- Health
- Education
- Science & Environment
- Technology
- Entertainment
- Also in the news
- Video and Audio
- Have Your Say
- Magazine
- In Pictures
- Country Profiles
- Special Reports
- Related BBC sites

TIMES ONLINE

NEWS COMMENT BUSINESS MONEY SPORT LIFE & STYLE TRAVEL DRIVING ARTS & ENT ARCHIVE

LEADS | WORLD NEWS | POLICE | SCIENCE | ENVIRONMENT | WEATHER | TECH & WEB | VIDEO | PHOTO GALLERIES | TOPIC | MORE

Where am I? Home News UK News

From The Sunday Times

April 9, 2008

Pupils use mobiles to 'bully' teachers

Derynne Hackett, Education Correspondent

RECOMMENDED

TEACHERS have complained of "bullying" by pupils who use mobile phones to film them losing their temper and then send the videos to their friends for amusement.

Often, the pupils goad staff into "ranting for the camera" to make the video as entertaining as possible.

The phenomenon has caused such concern that it is to be raised in a motion at this week's annual conference of the Association of Teachers and Lecturers in Gateshead.

"There has been an upsurge in the covert filming of teachers," said Andy Brown, the teacher who has tabled the motion calling for the union to study ways of preventing it.

In some cases, teachers' heads have been superimposed on

EXPLORE THE NEWS

- CRIME NEWS
- EDUCATION NEWS
- HEALTH NEWS
- SCOTLAND NEWS

TIMES RECOMMEND

- Accidental poster boy for stress freedom
- Who gets custody of Oscar?
- The shape of wars to come

COMMENT

My PROFILE SHOP

MOST READ MOST COMMENT

TODAY:

- Samh Patai has her sights on...
- I thought of killing myself...
- School bombing exposes...
- Top policeman Corbin...

If you are the end



bebo

You Tube

vimeo

flickr

photobucket



twitter

LiveCast

qik



Google Latitude



“It’s a Panopticon,
Jim, but not as we
know it.”