
Teaching in the Information Age?

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Problem

How to keep teaching relevant when information is freely available?

A conscious **shift away** from Information transfer

Emphasis on using contact hours for **problem-solving and Q&A** that cannot be replaced by online resources

How about fundamental information required by the discipline?

Use the **flipped** approach (students present in groups)



Essential Information

Pedagogical Design:

- Seminal articles/chapters are assigned to groups of students who present the key points in response to a pre-shared problematic.

Example:

- The presentation is followed by Q&A, after which each group grades the presenting group with a rationale. The final score is an average of all scores received and that awarded by the instructor.



Tip

Well designed group presentations **engage** students in thinking about the topic.

It also provides an opportunity to **highlight** key aspects that must be borne in mind.



Approach

Social Constructivist theory - Learning occurs when students are involved in collaborative problem-solving

- **Problem**
State what you wish to teach in the form of a problem
- **Discussion**
Give students a few minutes to discuss, incentivize discussion
- **Feedback**
Draw students into professional discourse by nudging/scaffolding

Repetition, Illustration and Communication

Do not assume or demand disciplinary/
Linguistic proficiency



Tip

Declare the topic and where things are going at the outset with a **question**.

Summarize what was done at the end and begin the next session by asking for a **recall**.



Simulation

Non-decontextualized objects make a better impact

→ **Simulate real-life scenarios**

Involve students in **collaborative** projects

→ **Field trips**

Show them how a **professional** in the field works.

Increasing participation
through **CSCL**

Asynchronous modes of
collaboration well suited
to **our** students.



page discussion analysis edit + history delete move protect watch

Talk Page

navigation

- Main Page
- Recent changes

search

Go Search

tools

- What links here
- Related changes
- Special pages
- Page information

Winnie leong:
Hello....finally I can create my account...in 5am...
2013-02-07 05:06:02 Agree (0) Rating: - Tagging: Off task technical

Josephine Ao:
6.Smoking is prohibited in public places.
2013-02-04 13:28:12 Agree (0) Rating: - Tagging: -

Josephine Ao:
lets translate this one here??
2013-02-04 13:28:34 Agree (0) Rating: - Tagging: Elicitive

Mandy Wong:
禁止吸烟?
2013-02-04 13:28:40 Agree (0) Rating: - Tagging: Responsive

Josephine Ao:
in public places. 公共场所
2013-02-04 13:36:49 Agree (0) Rating: - Tagging: Elicitive

Mandy Wong:
but for omission, what should we omit? :O
2013-02-04 13:39:49 Agree (0) Rating: - Tagging: Elicitive

Allen Sun:
omit "in public places"?
2013-02-04 13:42:38 Agree (0) Rating: - Tagging: Responsive

Hide Comments

Allen Sun:
禁止吸烟 is what we usually see.
2013-02-04 13:43:10 Agree (0) Rating: - Tagging: Confirmation

Josephine Ao:
禁止吸烟 is fine then :)
2013-02-04 13:43:17 Agree (2) Rating: - Tagging: Confirmation

Do you really care?

- many students grow up skeptical, disillusioned and unable to handle the pressure of competing demands.
- an instructor genuinely interested in his/her subject, accessible and willing to respond (not react) wins trust.
- shaming, calling out, castigating etc do not work!



A young man with short dark hair, wearing a maroon hoodie and black pants with a white stripe, is sitting on a concrete bench outdoors. He is looking down and to the left with a thoughtful or slightly sad expression. The background shows a brick wall and some trees under a clear sky.

Tip

When you see a student distracted or zoning out, tell the class a joke, ask the student for his/her opinion on a matter you are discussing or suggest googling something.

Engaging Students

- Sustaining attention to words is increasingly difficult
- Reading contents of a PowerPoint presentation does not help
- Adopt Q&A, discussions, collaboration and peer-review
- Popular tools used by students include Google Docs. Use Google Forms for screening/follow-up





Transparency

Clearly articulate ILOs. This helps students prepare and know what to expect.

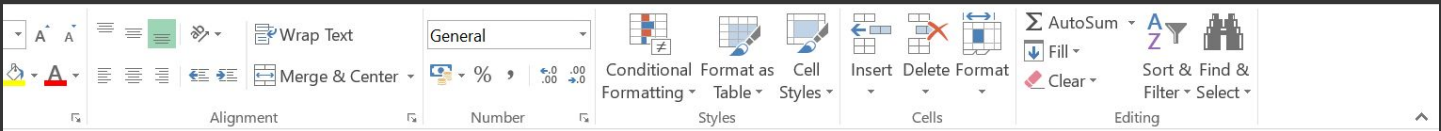
Share teaching philosophy, expectations, rubric of evaluation

→ **Share records**

Show students where they stand and what they can do better.

→ **Feedback**

Discuss each exam/test in detail, providing feedback on what was good and what could be improved.



Prog.	Major	A1	A2 Research	A3	Mid-Term	Attendance	Class Performance	CA 60	FE 100	FE 40	Total 100
FAH	ENS15	9.4	10	8.7	16.66	5	5	54.73	58.00	23.2	77.93
FAH	ENS15	9.4	10	8.7	16.66	5	5	54.73	92.00	36.8	91.53
FAH	ENS15	9.4	10	8.7	16.832	5	5	54.90	82.00	32.8	87.70
FAH	ENS15	9.4	10	8.7	16.832	5	5	54.90	71.00	28.4	83.30
FAH	ENS15	9.4	10	8.7	16.832	5	4	53.90	76.00	30.4	84.30
FAH	ENS15	9.4	10	8.7	16.832	5	5	54.90	76.00	30.4	85.30
FAH	ENS15	9.4	10	8.7	16.66	5	3.5	53.23	56.00	22.4	75.63
FAH	ENS15	9.4	10	8.7	16.66	5	4	53.73	76.00	30.4	84.13
FAH	ENS15	9.3	10	8.3	16.26	5	3.5	52.39	51.00	20.4	72.79
FAH	ENS15	9.1	10	7.0	14.82	5	4	49.92	71.00	28.4	78.32
FAH	ENS15	9.3	10	8.3	16.26	5	3	51.89	62.00	24.8	76.69
FAH	ENS15	9.1	10	7.0	14.82	5	3	48.92	62.00	24.8	73.72
FAH	ENS15	9.1	10	7.0	14.82	5	5	50.92	76.00	30.4	81.22

<p>We regret very much to learn that 5 out of the 20 steel cylinders sent by us do not meet your specifications.</p>	<p>We would like to extend our sincere apologies for the incorrect goods sent to you.</p>	<p>We regret to note that five of the steel cylinders sent to you were of the wrong specifications.</p>	<p>We regret that we sent you 5 steel cylinders that do not meet your specifications.</p>	<p>We regret to learn from your letter that five of our steel cylinders supplied do not meet your specifications.</p>	
<p>經檢查發現，系我方包裝代理人在裝貨時犯了錯誤。</p>					
<p>On going into the matter, we found that a mistake was indeed made by the packing agent.</p>	<p>Through our investigation, we discovered that an error occurred while the packing agent was loading the goods.</p>	<p>After our investigation, we found that an error occurred while the packaging agent was loading the goods.</p>	<p>After investigation, we find that the mistake was made by the packing agent at time of loading.</p>	<p>After our investigation, we found that the defects have been traced to a fault in the packing agent during loading.</p>	
<p>我司已安排好興隆號機輪發運正確的鋼筒，並將於12月29日從上海起航。</p>					
<p>We feel sorry about that. We have arranged Xin Lon's shipment to delivery the proper steel</p>	<p>To solve the problem, we have arranged to ship the correct cylinders by 興隆號, which</p>	<p>We have already arranged freighter Hing Lung, which will set sail on December 29</p>	<p>We have arranged the XinLong to deliver the qualified steel cylinders and it will set sail from Shanghai on December 29.</p>	<p>Our company has arranged XingLong Hao to dispatch the right cylinders which would be sailed from</p>	



Tip

Multiple rounds of discussion

Nudge -> Hint -> Explain

Providing the 'Right Answer' should be the last option

Some useful tools



Tips

Please adapt according to discipline

One size does not fit all

Every class might require a slightly different set-up

QR Code

Scan

Generate

About

What's a QR Code?

Privacy

Terms

Imprint

More

PDF Me

Screen

QR Codes

East way to access links/surveys/quizzes

Popular Social Media apps have an in-built QR reader

<https://www.the-qrcode-generator.com/>

FREE TEXT URL CONTACT PHONE

Enter URL

<https://www.the-qrcode-generator.com/>

SHORTEN URL

SAVE

Static QR Code

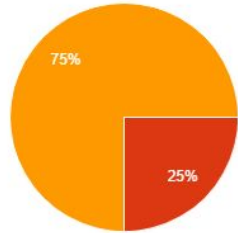


convert your Code to a Dynamic QR Code. After it has been printed? Or do you need statistics? [Sign In with Google and](#)

<https://www.the-qrcode-generator.com/>

How do you find the pace of this course

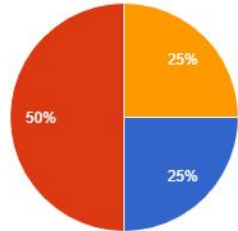
4 responses



- too slow
- slow
- just right
- fast
- too fast

How difficult is this course for you so far

4 responses



- very difficult
- difficult
- just right
- easy
- very easy

Google Forms

Quizzes / Surveys / Screening

<https://www.google.com/forms/about/>



美琪小姐 台鑒：

有關之前與貴司相討訂購鋼瓶一事，謹此轉函附上第一批20個鋼瓶訂單(編號：

SC234/06)。如前所述，我們將以訂購貴公司上海總庫價為2500英鎊的價錢訂購貴公司的產品中鋼瓶。請於收到此訂單後30天內安排發貨。另外，我們將會以貴公司為受益人，委託銀行根據訂單中的條款開立信用證。

望能與貴公司建立發展長久的合作關係。

順頌
商祺
W. Smith

史密斯先生：

您好！

贵公司所订购的123CI型钢筒，现已停止生产，不便之处，敬请原谅。现有同类产品233CN，存货共八十件，特惠价每件2300英镑。贵公司如感兴趣，敬请参看随附的简介说明。

大批订购可获八五折优惠，整批购入则可享八折特惠。为感谢贵公司惠顾，特此给予订购优惠。极盼立即回覆，如贵公司未欲订购，本公司亦能尽早另作安排。

此致

敬礼

销售部主任
美琪
2018. 9. 1

September 1, 2018

Dear Mr. Smith:

We regret to notify you that the production of the product 123CI steel

- Harl V 9:57 AM Mar 5 ✓ Replace: "總商" with "總處"
- Harl V 9:57 AM Mar 5 ✓ Replace: "訂購貴公司" with "以"
- Harl V 9:57 AM Mar 5 ✓ Delete: "將"
- Harl V 9:57 AM Mar 5 ✓ Replace: "的鋼筒" with "的價錢訂購貴公司的產品"
- Harl V 9:58 AM Mar 5 ✓ Replace: "貴以貴公司為受益人," with "將"
- Harl V 9:58 AM Mar 5 ✓ Replace: "出" with "立"
- Harl V 9:58 AM Mar 5 ✓ Replace: "發展" with "建立"

Google Docs

Class Work

<https://docs.google.com/>



Tip

Many students who would not like to stand out, may post comments/answers anonymously



Summary

- **Care**
Genuine interest and concern are infectious
- **Context**
Where and how would I use this?
- **Collaboration**
Knowledge is not transferred. But it can be constructed in the process of problem-solving.

Pedagogy 101



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What do you think are 3 essential elements of teaching?



Thank you!

