

TA Induction Workshop Spring 2010

Effective Teaching Skills

Dr Otis Lam



My Post-TA experience

Organization

Teaching

Instruction

Support to Students

Learning

Assessment – e.g. Grading

Management



Your expectation?

What is the biggest **concern** about TA in your mind now?

,or

What do you want to **take away** from this workshop?



Overview

- **Being a TA**
 - Roles & Responsibilities
 - Good vs Bad TAs
- **Common Problems** and ways to handle them
- **Teaching resources**



Being a TA

Roles and responsibilities



Change of Role

Graduate



Teaching Assistant

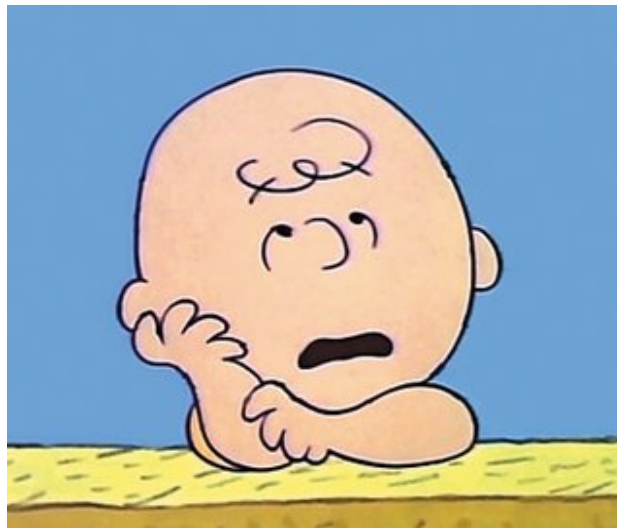


<http://www.molecularstation.com/molecular-biology-images/data/507/cartoonGrad.gif>

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What am I supposed to do??



http://2.bp.blogspot.com/_V9mssXHqYmo/RgPeVDU4sOI/AAAAAAAAADM/763IASPtKWg/s320/charlie%2Bbrown.jpg





GAP

HKUST said...

💧 Roles and Duties:

<http://celt.ust.hk/ta/tahome02.htm>

“Teaching assistants, a group of active postgraduate students **who bridge the gap between the instructors and the students. ...**”



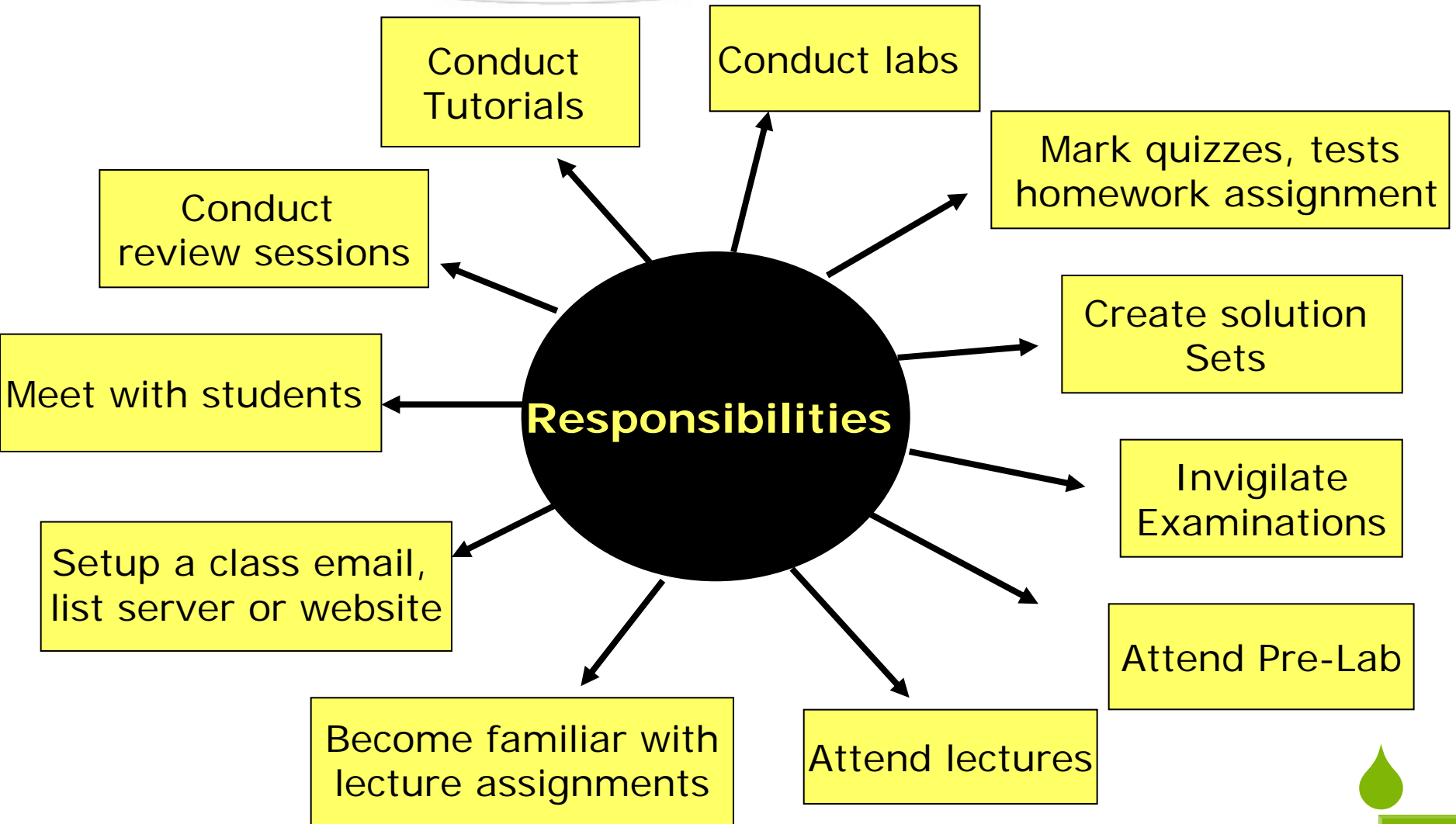
No matter how competent you're, It's pointless if you don't know where is the **gap (responsibilities)**.

How much do you know about it?

Give me some examples.



Possible responsibilities of a TA



Clarify with the right person at a right time!



Prepare BEFORE you start

1) Clarify your responsibilities **at the beginning**

- Course

- TAC



- The other TAs
(current/previous)

2) **TAKE INITIATIVE** for your own sake. (They may or may not approach you.)



What questions should I ask my instructor/professor?



A quick checklist

Handout:

“Questions To Ask The Instructor”

This is to help you:

- **To think about the right questions to ask**
- **To check if there is anything unclear or missing about your duties**

We are here to support you!

**Center for Enhanced Learning and Teaching
(CELT) 教學促進中心 &**

The Teaching Assistant Coordinator (TAC)



Being a TA

Roles and responsibilities

Good vs Bad TAs



Group Discussion

Good vs Bad TA

- ◆ Discuss in groups of 3 and come up with Three characteristics of a good TA and a bad TA.

From your past experience:

- ◆ What do you think a good TA is like?
- ◆ What do you think a bad TA is like?

~ 5 Minutes ~



Characteristics of a **good** TA

Summary

- ◆ Time management between being a TA and PG student
- ◆ Good preparation before class
- ◆ Good relationship with students (charming, friendly, out-going)
- ◆ fair in marking and grading
- ◆ Good communication/interpersonal skills
- ◆ Teamwork skills



Characteristics of a **bad** TA

Summary

- ◆ **Start late, end late**



Being a TA Roles and responsibilities
Good vs Bad TAs

Common Problems of TAs



Common problems of TA

Insufficient preparation

Nervous

Too fast

Too much information

Boring



Nervousness

In particular the first lesson...



Nervousness

It's just **normal**. You will get over.



Some tips for the 1st day

- Check out the place before the 1st lesson
- Arrive earlier
- Chat with the students who arrive early
- Clean up the white board (every time)
- Write down your name and course name on the board
- Explain the assessment and the course policy clearly
- DON'T distribute the syllabus and dismiss the class



Preparation! Preparation! Preparation!

1. Course content, administration and policy
(read the course outline)



2. Do the pre-lab properly AND attend related lectures

3. Read supplementary reading



Insufficient Preparation



I don't have enough time...



Time Management Workshop

TA 124

Balancing Time between
TA Duties and Research

By Dr Lucia Yeung



Common problems of TA

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Too Fast

Presentation Skills

**Too much
information**



Presentation Skills

- 💧 **Speak slower**
- 💧 **Use powerpoint / Notes**
- 💧 **Ask students if they have any questions**

💧 TA113 Effective Presentation Skills

- 💧 This is a 1.5-hour workshop mandatory for ALL new TAs to attend. It aims to (1) introduce TAs strategies for effective presentation, and (2) conduct group activities and case studies to consolidate what TAs have just learnt and to let them review their own presentations. After the workshop, TAs will learn how to prepare, construct and deliver successful presentations during their teaching.

💧 TA 131 Advanced PowerPoint Presentation

Too much information

💧 **7 ± 2 rule**

💧 **Selection**

- Primary focus
- Things that students don't understand the most

💧 **Coherent**



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Too Boring



Question

**Why would you feel bored
in a class?**

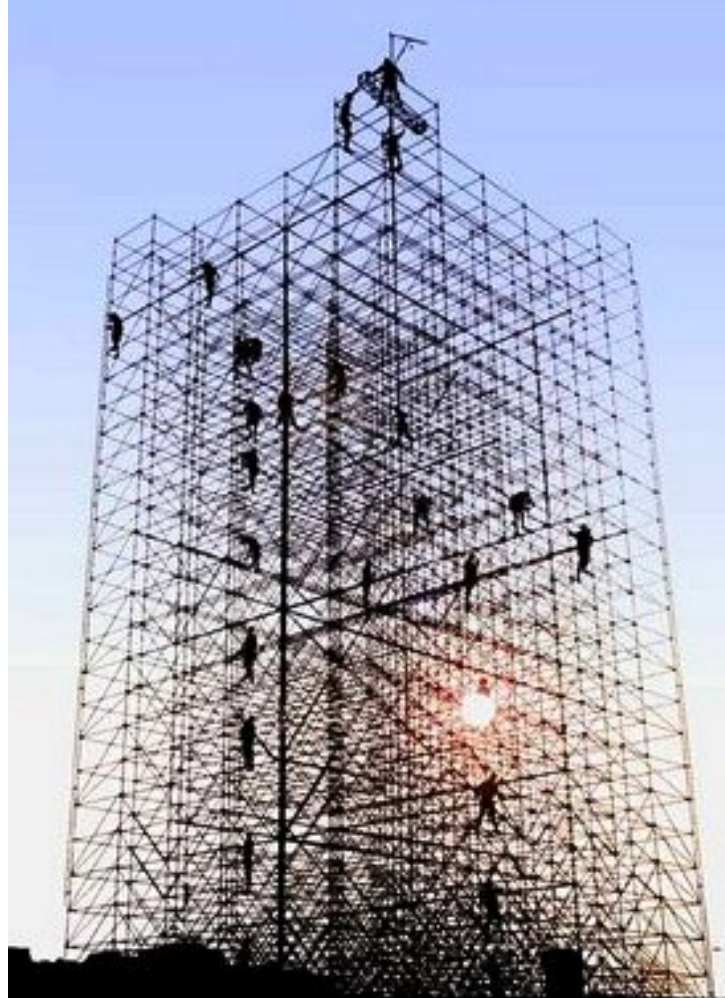


Too Boring...

- 💧 Too difficult/ Too simple
- 💧 Lack of motivation
- 💧 Disengagement
 - e.g. Unfairness, bias
 - e.g. Presentation

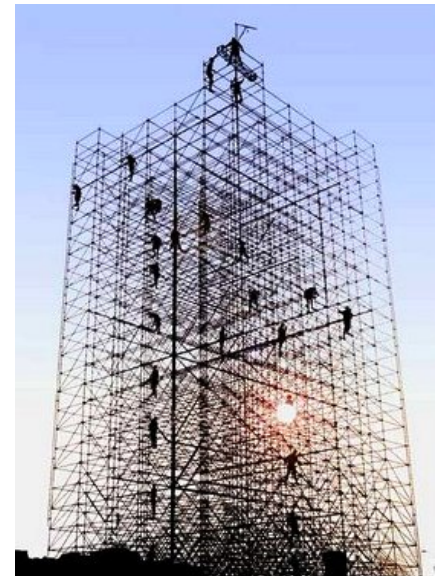


Scaffolding

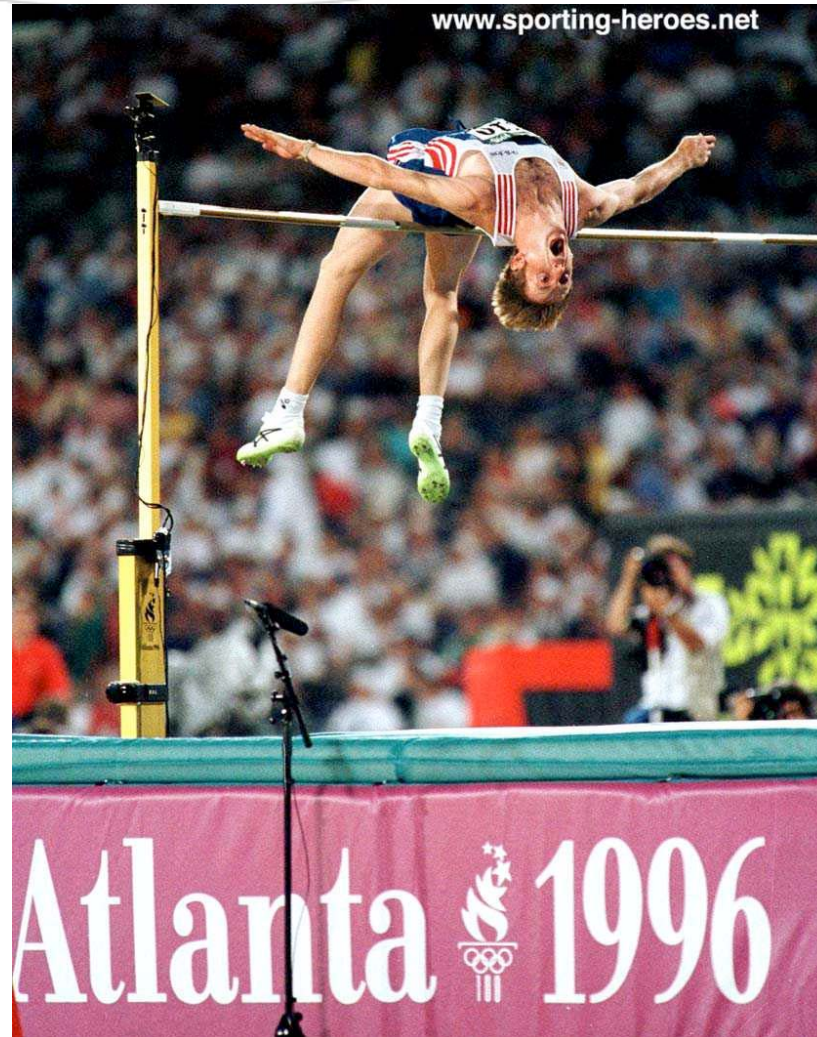


Scaffolding

- ◆ Built/ created by students themselves
- ◆ New knowledge is built upon prior knowledge

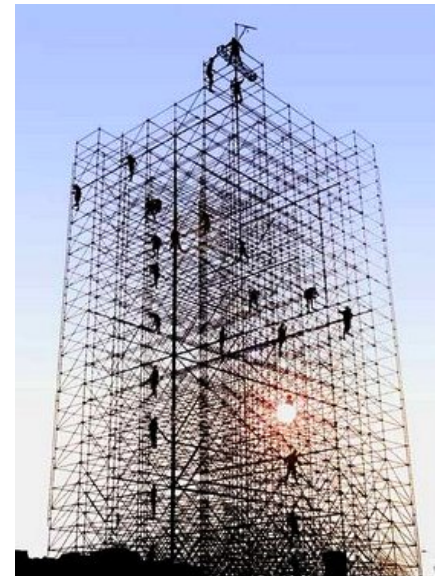


Teach at the right level



Scaffolding

- 🟢 Assess the **current level** of your students (e.g. by asking questions)
- 🟢 Decide the **next level** of appropriate instruction
- 🟢 Assess if students have moved to the next level



Scaffolding

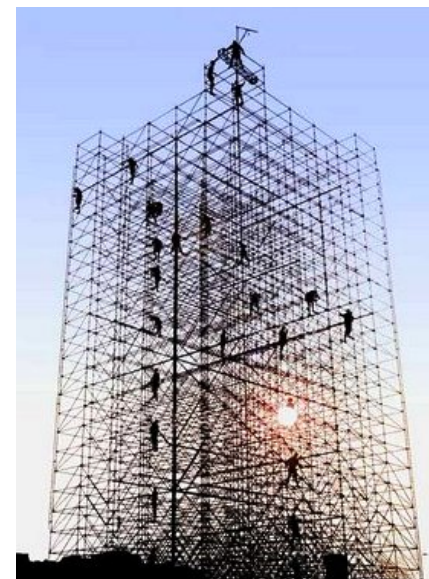
EXAMPLE:

💧 **Current Level:** 2 digit addition

$$25+81=?$$

💧 **Next Level:** ??

💧 **How to assess?**



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Problem with Motivation

- ◆ Many students just focus on **personal interests** of academic tasks. If they are not interested, then they are not motivated.



Problem with VALUE

- 💧 “I’m not interested in this...”
- 💧 “I study Chemistry, I don’t see any value of this major in my future career...so I’m not motivated to learn all these equations...”
- 💧 **Question:** What is the value of studying for a major that is NOT related to students’ future work?

The Role of Task Value Beliefs

- 💧 **Intrinsic Value** - Enjoyment
- 💧 **Attainment Value** – Importance of doing well on a task
e.g. student and self-identity
- 💧 **Utility Value** – Usefulness of tasks for future goals.
e.g. organic chemistry and doctor



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Common problems of TA

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Summary

- Being a TA Roles and responsibilities
Good vs Bad TAs
- Common Problems of TAs
and ways to handle them
- Teaching resources





 **Any Questions?**



Available Teaching Resources



Available resources

GOOD LEARNING ENVIRONMENT

At the start of the semester, you may wish to highlight to your students your expectation for academic integrity and good classroom behavior. To support you on this, we have produced a short PPT presentation (http://www.ust.hk/vpao/conduct/good_learning_experience.pps) for your reference. Feel free to adopt this for your use, or to edit this resource as you wish.

CONDUCT IN THE CLASS ROOM

Behaviors that will facilitate/disrupt learning in the classroom
http://www.ust.hk/vpao/conduct/classroom_conduct.ppt



Available resources

LARGE CLASS TEACHING

<http://celt.ust.hk/experience/largeclass/index.html>

Maintaining a good learning atmosphere is more difficult for large classes, and hope some of these ideas on teaching large classes and fostering active learning are useful to you.



Available resources (cont')

A GUIDE TO GOOD REFERENCING SKILLS (to avoid plagiarism)

<http://lcms01.ust.hk/sbm/wsc/referencing/introduction/index.html>

ACADEMIC INTEGRITY

<http://www.ust.hk/vpaaao/integrity>

UST places a strong emphasis on academic integrity and has introduced regulations to back this up. To help students and staff to understand the policy, a website has been established that explains the regulations, provides assistance for students in avoiding plagiarism, and sets out the role of faculty and staff when a case of cheating or plagiarism comes to their attention.



My Teaching Philosophy

“Do to others as you would
have them do to you.”

Luke 6:31



The End
Thank You

