

CAN TEACHERS TEACH BETTER

IST CASE STUDY



UNIVERSITY TEACHERS

HOW DO YOU THINK TEACHERS ARE
RECRUITED?



UNIVERSITY TEACHERS

- Teaching at university level
 - a profession
 - a matter vocation
 - a philosophical call



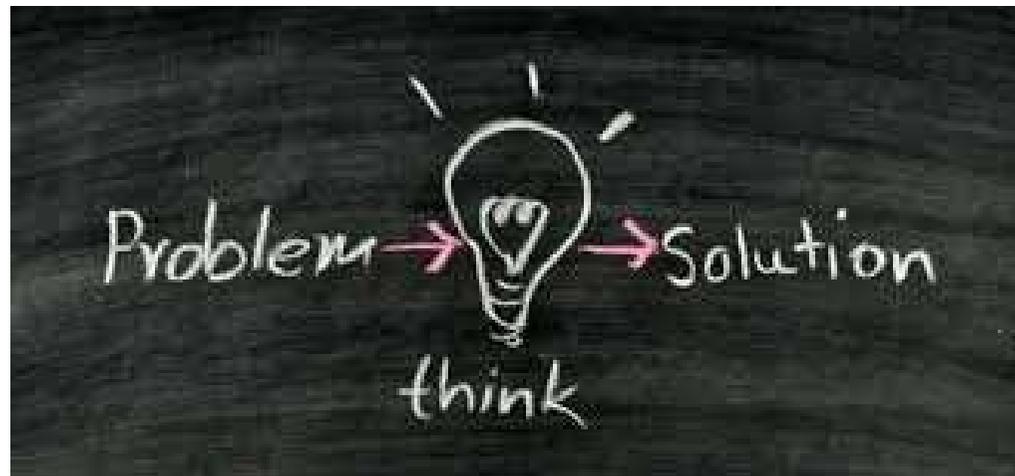
**UNIVERSITY TEACHERS ARE THE ONE'S
WHO NEED TO LEARN HOW TO TEACH!**

UNIVERSITY TEACHERS

- The message Universities pass:
 - Research main economic activity >> so the most important
 - Teaching quality less successful
 - Students opinion is usually not valued
- How teachers see it:
 - teaching undervalued by Univ. leaders
 - they should spend > time researching and < teaching
 - They don't have time embrace teaching

FAIL

UNIVERSITY TEACHERS



POST IT'S EXERCISE

POST IT'S EXERCISE

THINK ABOUT YOUR FAVORITE TEACHER!

YOU HAVE 2 MINUTES!

THINK ABOUT YOUR NOT SO FAVORITE
TEACHER!

YOU HAVE 2 MINUTES!

POST IT'S EXERCISE

THINK ABOUT YOUR FAVORITE TEACHER!

YOU HAVE 2 MINUTES!

THINK ABOUT YOUR NOT SO FAVORITE
TEACHER!

YOU HAVE 2 MINUTES!

02:00

POST IT'S EXERCISE

Now, WRITE DOWN THE MAIN
CHARACTERISTICS THAT MADE YOU
CHOOSE HIM!

Now, WRITE DOWN THE MAIN
CHARACTERISTICS THAT MADE YOU
CHOOSE HIM!

POST IT'S EXERCISE

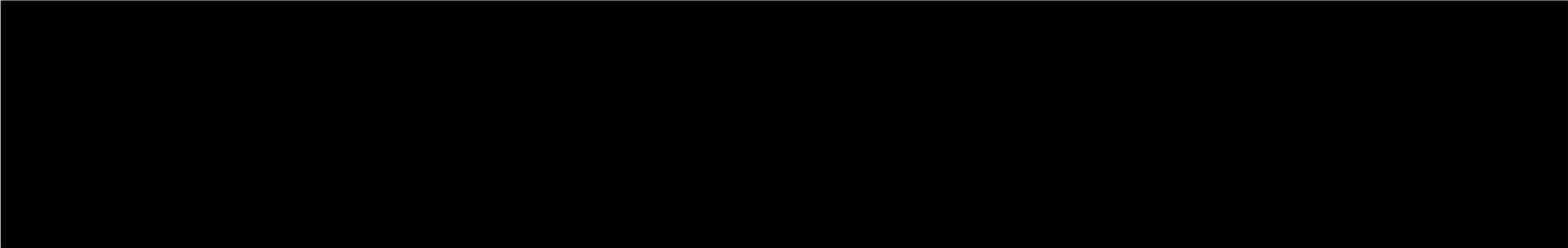
NOW, WRITE DOWN THE MAIN
CHARACTERISTICS THAT MADE YOU
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NOW, WRITE DOWN THE MAIN
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05:00

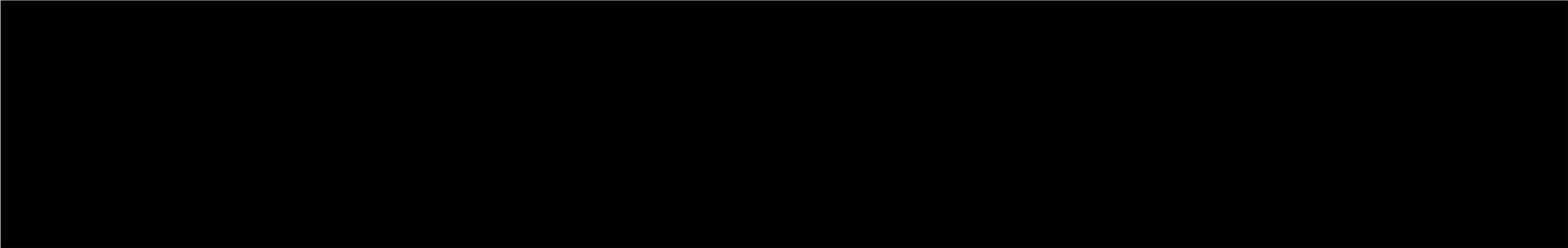
Role Play

1. Students organized in groups of 4:
 - 2 **Blue** and 2 **Green**
2. Each group has 5 minutes to decide how to role play
3. The role play will take 2 minutes + 5 minutes discussion



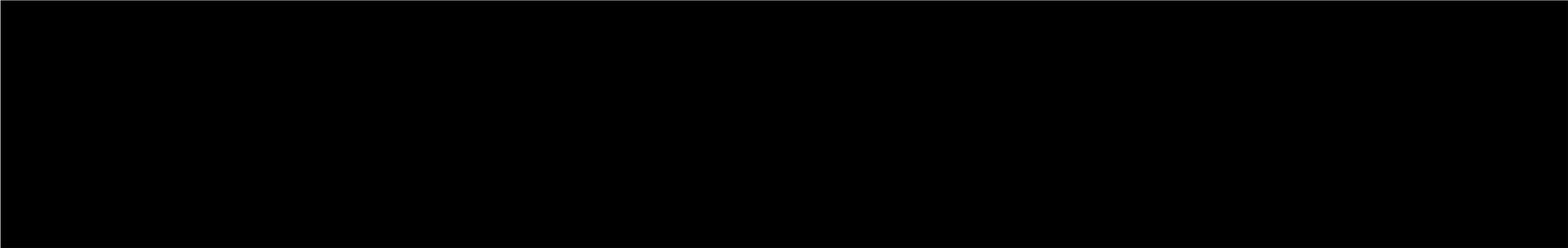
GROUP NOW!

00:30



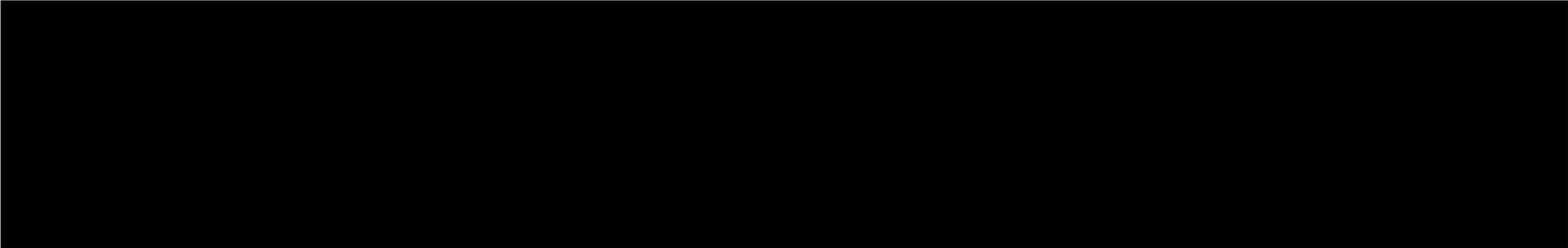
DECIDE HOW TO ROLE PLAY

05:00



ROLE PLAY

02:00



DISCUSSION

05:00

- We now know some of the contingencies
- We know what we like and don't like
- And have been in everybody's shoes



What is IST doing?

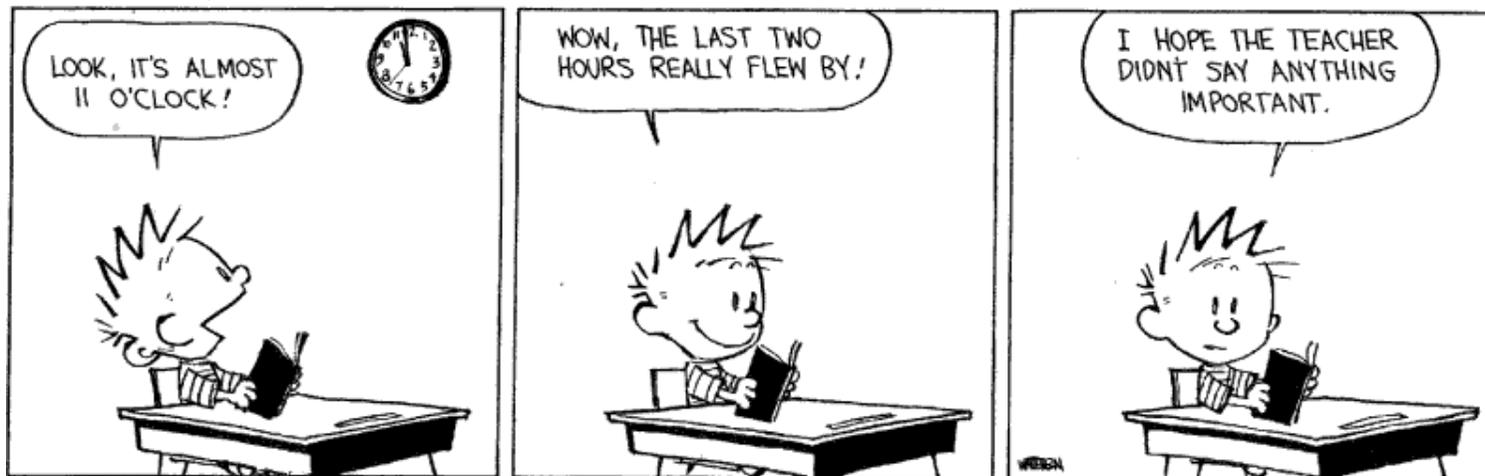


VS.



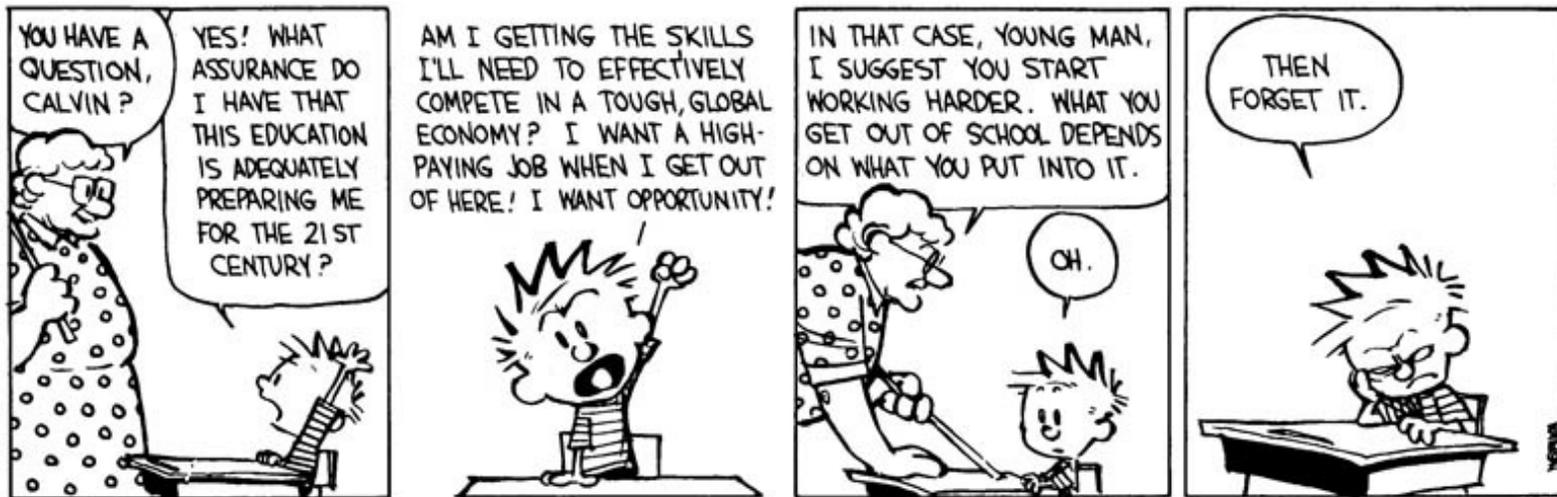
Innovative Teaching

- **Clear definition objectives** and necessary **background** to attend class:
 - all courses have info on their on-line course page
- **Involve students** teaching & learning process:
 - students are oblige to assess teachers & course



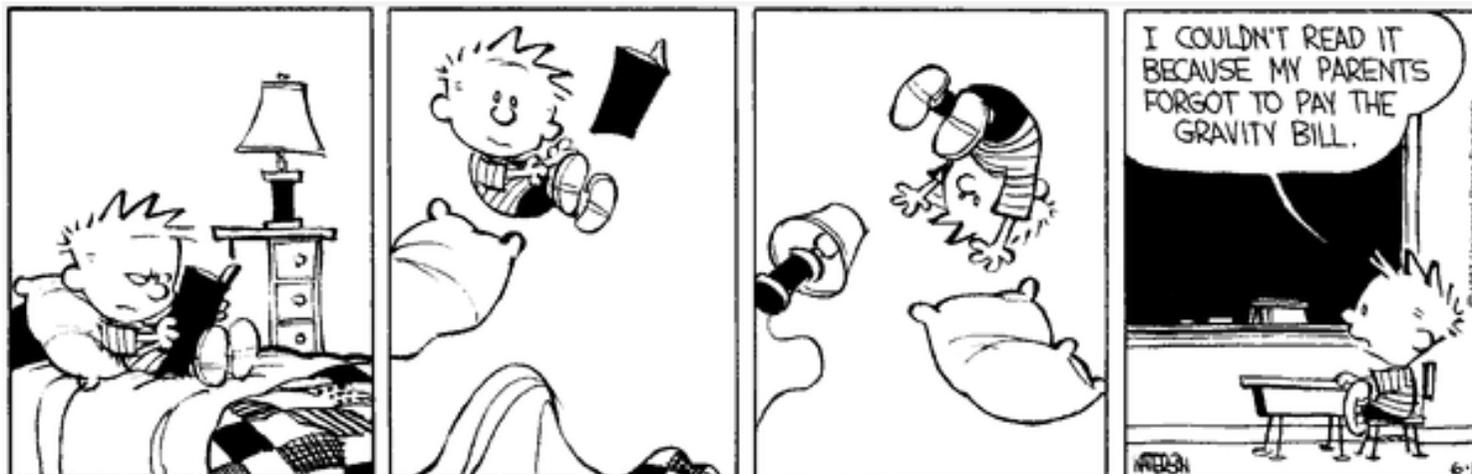
Innovative Teaching

- Continuous teachers learning :
 - All year round workshops for teachers develop soft skills, emotional intelligence, informatics skills, presentation skills, etc.



Innovative Teaching

- **Theory:** It's mandatory! But how to make it more challenging?
 - Explain importance theory concepts;
 - It's connexion to other courses;
 - It's connexion to professional practice;
- **Make it understandable and related to real life**



Innovative Teaching

- Pedagogical Methods:
 - Align the course syllabus & objectives with the assessment
 - Be TRULY available for the students: interact with students



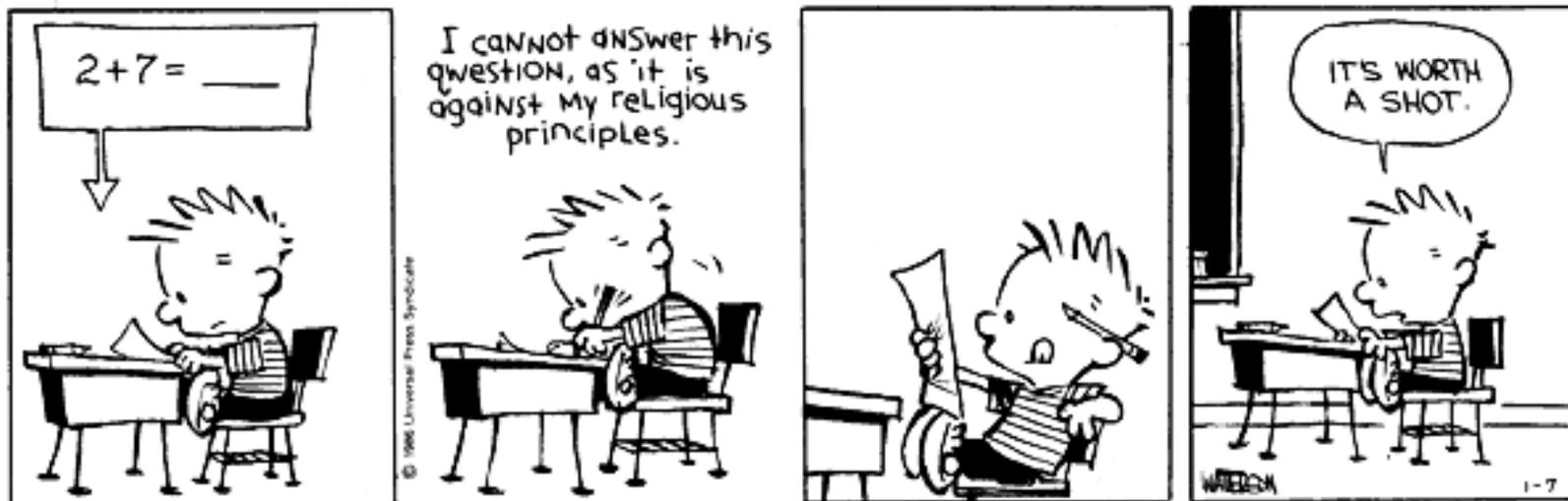
YOU CAN PRESENT THE MATERIAL, BUT YOU CAN'T MAKE ME CARE.



Innovative Teaching

■ Pedagogical Methods:

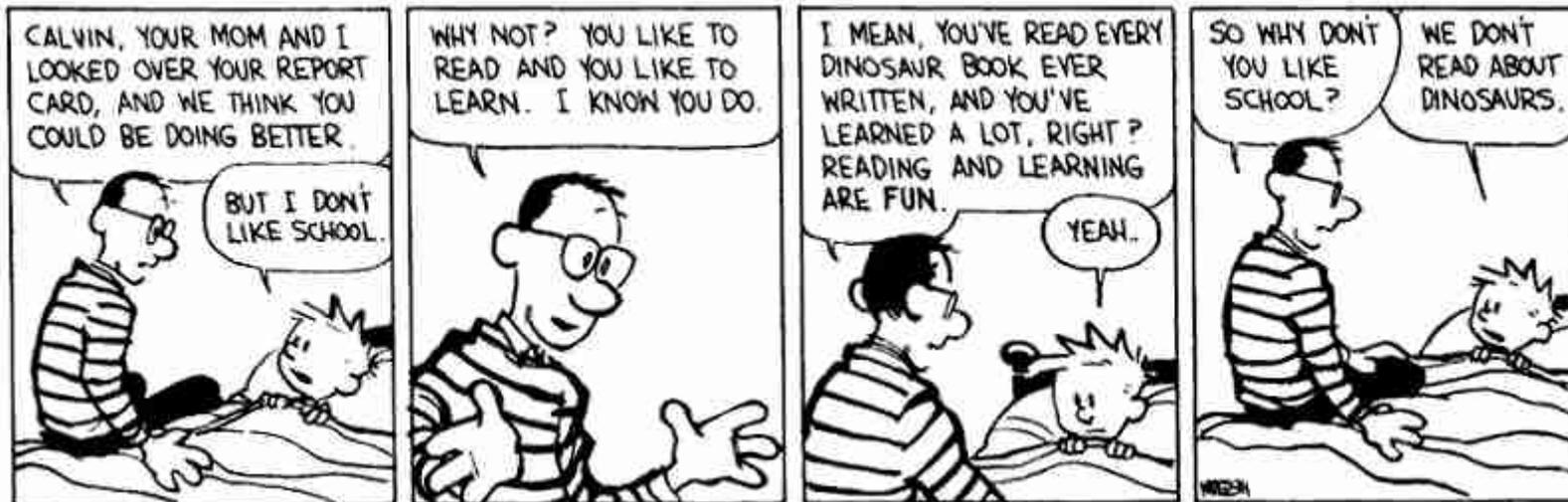
- Give feedback on time: couple days after tests, reports and projects deliveries
- Be clear about what it's expected from the students
- Respect the diversity of students learning styles



Innovative Teaching

■ Active learning methodologies

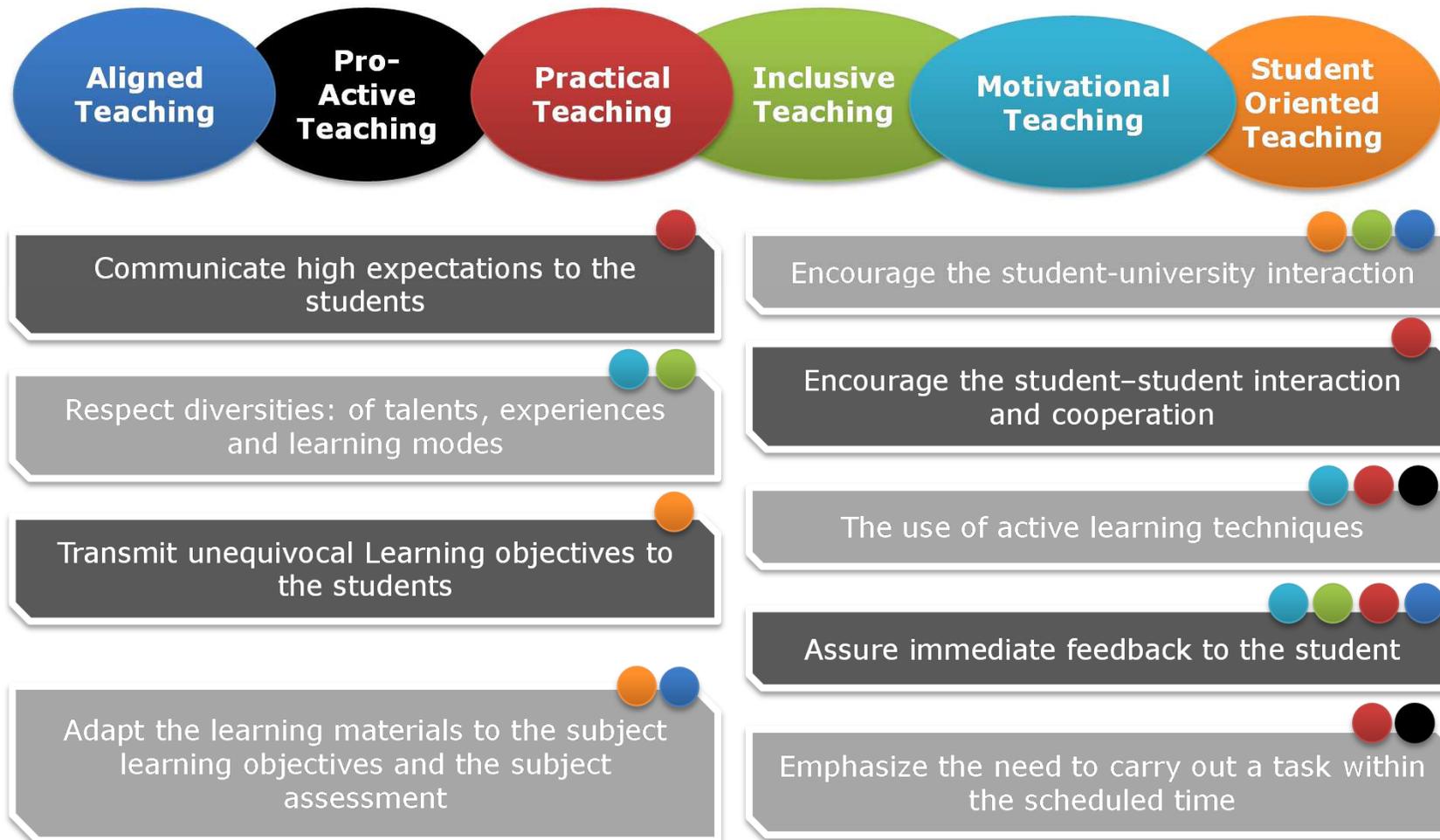
- Students must be involved in class, active learning means reflexive thinking about contents explained by teachers
- Students must relate contents to previous knowledge and experiences
- Must be a hands-on learning and not a “sit and listening” learning



Good teaching practices @ IST

- Good teaching practices related with IST Quality Assurance System
- Best teachers (elected by the students) practices are studied and those teachers are interviewed
- Data collection on good teaching practices allowed the creation of a [web page to teachers](#):
 - Articles and texts on teaching practices
 - Studies and case-studies reports and results
 - Workshops and seminars for teachers

Good teaching practices @ IST



TEACHERS POINT OF VIEW ON TEACHING PRATICES



INSTITUTO SUPERIOR TÉCNICO
Universidade Técnica de Lisboa

