# GETTING Data for research

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# Purposes

Based on my experience on ELC projects, we will

- Discuss how you can transform your *project ideas* into a sound *project proposal* ; and
- Explore what needs to be done, in terms of *research / evaluation*, when executing your project.

# Agenda

- Steps to transform your ideas to a sound proposal
- Procedures

# Step 1: What are you doing (FOR YOUR INFO)?
## Two types of ELC project

- Develop teaching and learning **<u>resources</u>**
  - Developing an online interactive **tool** (e.g. enquiring grade distribution)
  - Developing XXX for ELC 9999 (e.g. **videos / a Blackboard course**)

- Conducting **<u>research</u>** to inform teaching and learning
  - Exploring the effectiveness of XXX approach (e.g. **visible thinking**)
  - Understanding the language needs of XXX (e.g. **senior year students**)

**Implication**: Project Funding to apply

# Step 2: What are you doing (FOR POLYU)?

- Conducting **research** to inform teaching and learning
  - Findings / Recommendations
    - e.g. a list of factors / a list of support measures / recommendations for T&L
    - Sharing these with

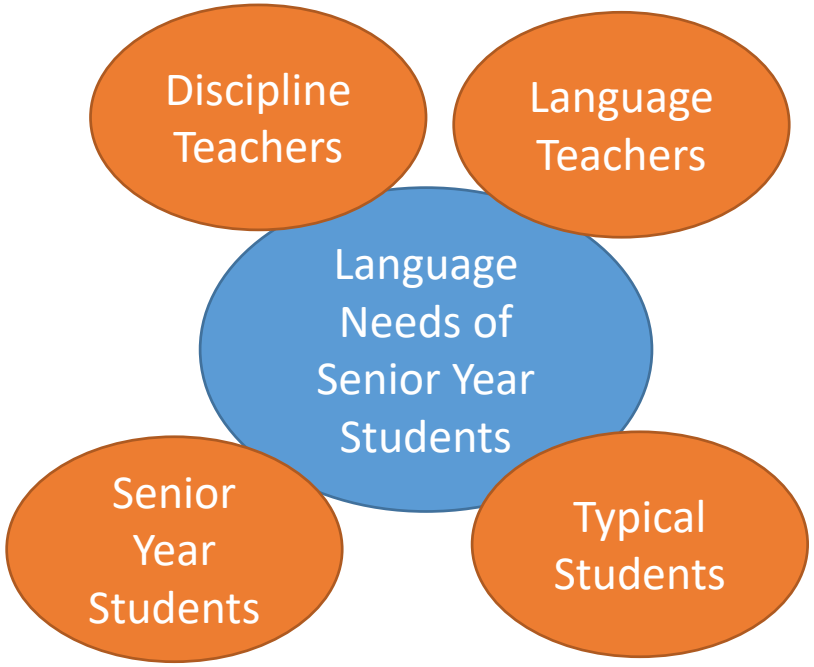
      subject teachers / leaders / administrators / centre management?

      PolyU staff /ELT community?
- Develop teaching and learning **resources**
  - Findings / Recommendations (See above)
  - The resources
  - The effectiveness of the resources (performance + attitudes)

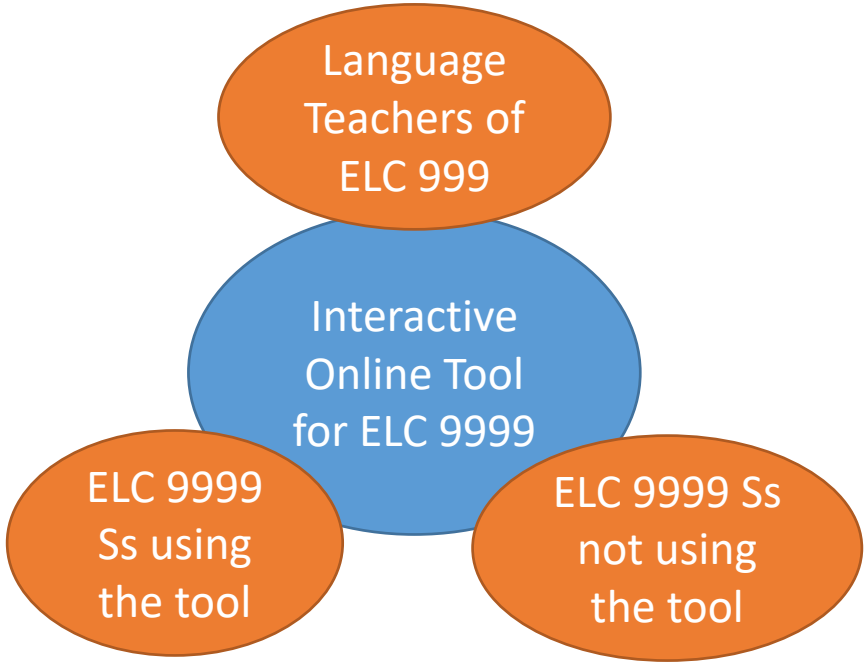
**Implication:** Research Design / Evaluation

# Step 3: Who are the key stakeholders?

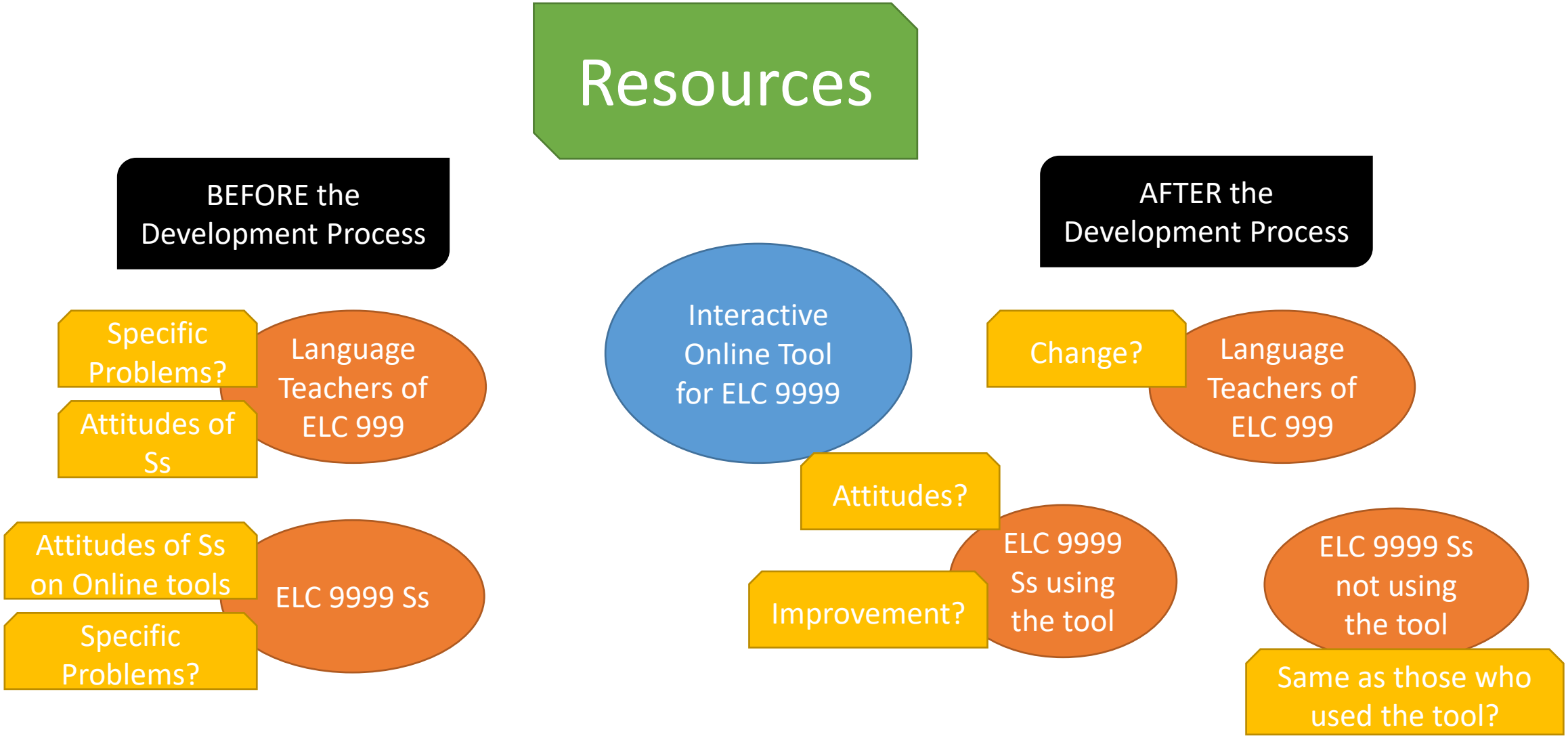
## Research



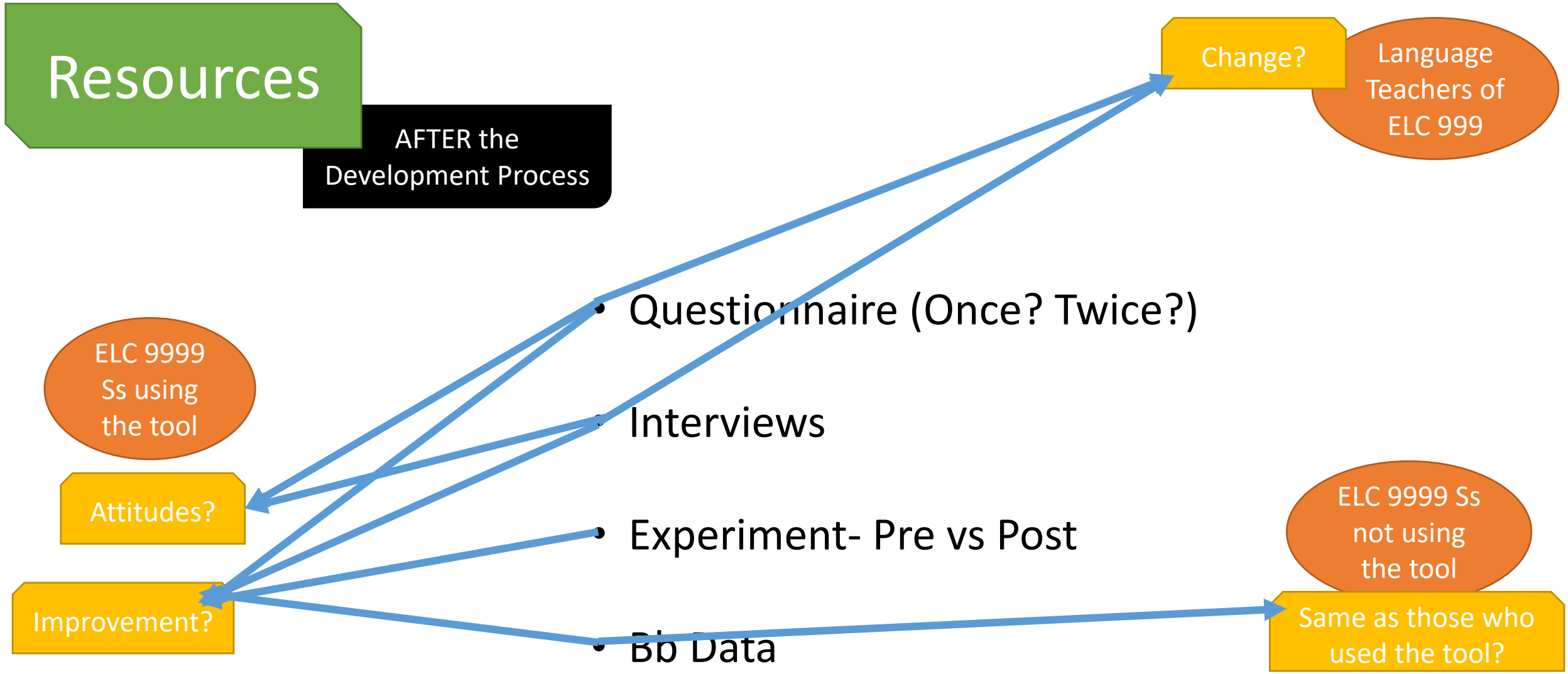

## Resources



# Step 4: What do we want from the key stakeholders?



- **Step 5: What are your research questions?**
- **Step 6a: How to answer your research questions?**



# Step 6b: How to answer your research questions?
## Considerations

- Feasibility → Who will do it WITH you? SL support?
- Feasibility → Will you get the data?
- Feasibility → How easy to manage? (e.g. Experiement)
- Validity / Reliability
  - Quantitative → Larger Sample Size (>30, each group)
  - Qualitative → Representative Sample
- YOUR TIME → Get a PA?
- Budget → Incentives for students? + PA Time?
- Publishable? (Optional)

# Data

# Procedures for collecting data YOURSELF

- Ethical Approval: https://www40.polyu.edu.hk/rohsears/login.jsf
- Information Sheet
- Consent Form

- Ask them to give you EVERYTHING, as long as it is ethical!

# Procedures for collecting POLYU / ELC data

**Key Considerations**

- Types of Data
  - ELC Blackboard Data
  - Other Data (Very difficult → Talk to the right person first!)
  - Going back → Collect everything yourself!

- Application
  - Key Question
    - Publication (PD session + Conference Paper etc) ?
    - Or no Publication? (Internal QA)
  - 2nd Important Question
    - Are you supposed to have the data?

# Procedures for collecting POLYU / ELC data

- Fill in the data request form
- Get Bruce to sign (Do it first?)
- Send the signed form to the approving authority
- Get the approval memo and talk to Alan Cheng of ITS for Bb data (Do it first?)

**Important info**

- Ask for NO SID or Masked SID
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Thank you!