EXERCISE

What does the TA need to know? (or learn?) Prepare.

Classroom

Manage

Inter- & intrapersonal dynamics	Procedures	Understand concept and design
Student development	Safety	Context
Motivation	How to do experiment	Significance
Learning styles	How to run instruments	Purpose
How to:	How to:	How to:
respect	answer	explain
interact	demonstrate	connect to lecture
help	trouble shoot	help student trouble shoot
encourage	fix	engage ideas
listen, respond, question	J	prompt reasoning

PRACTICAL AND THEORETICAL CLASSROOM KNOWLEDGE

LABORATORY CONTENT **KNOWLEDGE** (EASY-DEFAULT)

PEDAGOGICAL CONTENT KNOWLEDGE (HARD, LEARN HOW)

SEE: J. Bond Robinson, R.A.B. Rodrigues, J.Chem Ed., 83, 305-323, (2006).

design