

The Framework

- Components
 - Participants
 - Groups
 - Roles
 - Activities
 - Resources
- Mechanisms
 - Group formation
 - Component distribution
 - Sequencing



MACRO: The Components 1/2

- Resources
 - X copies of tutor guidelines for each tutor (including micro scripts)
 - All tutors receive equal tutor training
- Participants
 - at least 5 novices (tutees)
 - at least 1 expert (tutor) per 9 tutees
- Groups
 - X groups comprising...
 - ... 9 tutees (at least 5, maximum 9)
 - ... 1 tutor



MACRO: The Components 2/2

- Roles
 - Expert := tutor (fixed)
 - Novice := tutee (fixed)
- Activities
 1. Accessing and being motivated
 2. Socializing
 3. Exchange information
 4. Constructing knowledge
 5. Developing consensus



MACRO: The Mechanisms

- Group Formation
 - 1 tutor randomly assigned to 9 randomly grouped tutees
- Component Distribution
 - novices := tutees (fixed)
 - expert := tutors (fixed)
- Sequencing
 - Within each groups students have to go through the following:
 - Access and motivation
 - Socialization
 - Information exchange
 - Knowledge construction
 - development
 - Continuously monitor planning and task focus



MICRO: The Components 1/2

- Resources
 - information
- Participants
 - 5 to 9 novices
 - expert
- Groups
 - 1 group: all participants (9 tutees, 1 tutor)



MICRO: The Components 2/2

- Roles
 - tutor - tutee (fixed, tutor stays tutor)
- Activities
 1. Constructing knowledge: Each tutee takes up 1 piece of information, evaluates it, and takes position.
 2. Create agreement microscript
 3. Create conflict microscript
 4. Deliver decision



MICRO: The Mechanisms

- Group Formation
 - None (existing group)
- Component Distribution
 - Novices := tutees (fixed)
 - expert := tutor (fixed)
- Sequencing
 1. Constructing knowledge: Each tutee takes up 1 piece of information, evaluates it, and takes position.
 2. IF conflict exists : create agreement
 3. IF agreements exists : create conflict (eg: give at least on critique on someone's position)
 4. When agreement is high enough, consider current state as decision.