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CONNECTING, INTERACTING AND SUPPORTING


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Small group teaching seems effective when the interactions with peers and faculty facilitate students’ ability to achieve their social or academic goals. Peer relationships represent an important form of social capital that can help students achieve better results. However, the extent to which students build their own social capital may depend on their cognitions or beliefs, as well as their prior achievement.

This thesis therefore investigates how students’ cognitions and prior achievement relate to students’ social capital and peer networks in small group teaching, along with the effects on study success. This study of small group teaching features three different settings: learning communities, mentor groups, and seminars. With a longitudinal, empirical design, the analyses of survey data and complete social network data from the Netherlands and Germany reveal some insights into mechanisms of small group teaching.

In particular, the research finds that interactions with peers and faculty contribute to self-efficacy and thereby to study success. Not all students may benefit equally from the option for building social capital in small group teaching though. For example, achievement segregation emerges in peer networks; high achievers seem to benefit the most. When students believe that their intellectual abilities can change, they are more popular in academic support networks. This outcome also occurs when students are highly self-efficacious and perceive themselves as more popular.

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