AUTHOR CONTRIBUTIONS

Papers in this dissertation and contributions of co-authors.

Chapter 2 is based on:

Contributions:
Jantina Huizenga reviewed the literature, searched, collected and analyzed the data and drafted the various versions of the manuscript. The research team for this article further consisted of Wilfried Admiraal and Geert ten Dam, who together supervised Jantina Huizenga. The research team collaboratively conceptualized and designed the study. As a form of audit, the research team discussed all the steps in the process of analysis and its outcomes, and where necessary the primary data were rechecked. The supervisors contributed to the analysis and interpretation of the data, and reviewed and revised the manuscript.

Chapter 3 is based on:

Contributions:
Jantina Huizenga reviewed the literature, collected and analyzed the data and drafted the various versions of the manuscript. The research team for this article further consisted of Wilfried Admiraal and Geert ten Dam, who together supervised Jantina Huizenga. The research team discussed the various steps of the research. The team collaboratively conceptualized and designed the study, deliberated about the data analysis and its outcomes. The supervisors audited the analysis and interpretation of the data and contributed to reviews and revisions of the manuscript. Sanne Akkerman contributed to reviews and revisions of the manuscript.

Chapter 4 is based on:

Contributions:
Jantina Huizenga reviewed the literature, collected and analyzed the data and
drafted the various versions of the manuscript. The research team for this article
further consisted of Wilfried Admiraal, Geert ten Dam and Joke Voogt, who to-
gether supervised Jantina Huizenga. The research team discussed the various steps
of the research. The team collaboratively conceptualized and designed the study,
deliberated about the data analysis and its outcomes. The supervisors audited the
analysis and interpretation of the data and contributed to reviews and revisions of
the manuscript.

Chapter 5 is based on:
Huizenga, J., Admiraal, W., & Ten Dam, G. (2011, October). Merging digital and
urban play spaces: Learning by playing and creating location-based games in secon-
dary education. In *Proceedings on the 5th European Conference on Games Based

*Contributions:*
Jantina Huizenga reviewed the literature, collected and analyzed the data and
drafted the various versions of the manuscript. The research team for this article
further consisted of Wilfried Admiraal and Geert ten Dam, who together
supervised Jantina Huizenga. The research team discussed the various steps of the
research. The team collaboratively conceptualized and designed the study, deliber-
ated about the data analysis and its outcomes. The supervisors audited the analysis
and interpretation of the data and contributed to reviews and revisions of the manu-
script.

Chapter 6 is based on:
perceptions of the value of game-based learning in secondary education. *Computers
& Education, 110*, 105-115. [https://doi.org/10.1016/j.compedu.2017.03.008](https://doi.org/10.1016/j.compedu.2017.03.008)

*Contributions:*
Jantina Huizenga reviewed the literature, collected and analyzed the data and
drafted the various versions of the manuscript. The research team for this article
further consisted of Wilfried Admiraal and Geert ten Dam, who together
supervised Jantina Huizenga. The research team discussed the various steps of the
research. The team collaboratively conceptualized and designed the study, deliber-
ated about the data analysis and its outcomes. The supervisors audited the analysis
and interpretation of the data and contributed to the first reviews and revisions of the
manuscript. In later reviews and revisions Joke Voogt contributed as well and was
added to the supervision team.