

**EFEKTIVITAS *ORIENTEERING* DALAM PEMBELAJARAN BERBASIS  
FENOMENA TERHADAP PENINGKATAN KETERAMPILAN  
BERPIKIR SPASIAL SISWA SMA ISLAM AL AZHAR 14 SEMARANG**



**TESIS**

diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Magister  
Pendidikan Geografi

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FAKULTAS PENDIDIKAN ILMU PENGETAHUAN SOSIAL  
UNIVERSITAS PENDIDIKAN INDONESIA  
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FENOMENA TERHADAP PENINGKATAN KETERAMPILAN  
BERPIKIR SPASIAL SISWA SMA ISLAM AL AZHAR 14 SEMARANG**

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Sebuah Tesis yang diajukan untuk memenuhi salah satu syarat memperoleh gelar  
Magister Pendidikan (M.Pd.) pada Fakultas Pendidikan Ilmu Pengetahuan Sosial

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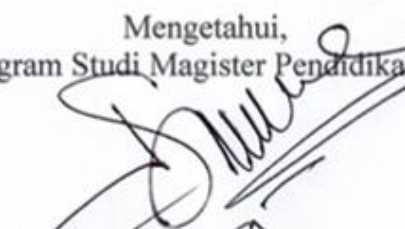
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## KATA PENGANTAR

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**ABSTRAK**

Keterampilan berpikir spasial merupakan keterampilan yang dapat mempengaruhi berbagai bidang kehidupan manusia. Keterampilan berpikir spasial dapat ditingkatkan melalui pembelajaran geografi dengan menggunakan metode *orienteering*. Penelitian ini bertujuan untuk menganalisis perbedaan keterampilan berpikir spasial siswa sebelum dan sesudah pembelajaran menggunakan metode *orienteering*, menganalisis perbedaan keterampilan berpikir spasial sebelum dan sesudah pembelajaran dengan menggunakan metode *treasure hunt*, dan menganalisis perbedaan peningkatan keterampilan berpikir spasial antara metode *orienteering* dengan metode *treasure hunt*. Metode penelitian yang digunakan adalah kuasi eksperimen dengan desain *pretest-posttest control group*. Kelompok eksperimen melaksanakan pembelajaran dengan menggunakan metode *orienteering*, sedangkan kelompok kontrol dengan menggunakan metode *treasure hunt*. Analisis data penelitian menggunakan uji *paired sample t-test*, uji *independent sample t-test*, dan *n-gain*. Hasil penelitian menunjukkan bahwa: 1) metode *orienteering* memiliki peningkatan *n-gain* tertinggi pada indikator *spatial group (region)* sebesar 100% dan *n-gain* terendah pada indikator *spatial distance* sebesar 24%; 2) metode *treasure hunt* menunjukkan peningkatan *n-gain* tertinggi pada indikator *spatial influence* sebesar 50% dan *n-gain* terendah pada indikator *spatial association* sebesar -17%; 3) metode *orienteering* dan metode *treasure hunt* memiliki keunggulan pada indikator keterampilan berpikir spasial yang berbeda. Integrasi metode *orienteering* dengan metode *treasure hunt* dapat dilakukan untuk meningkatkan keterampilan berpikir spasial secara menyeluruh.

**Kata Kunci:** keterampilan berpikir spasial, *orienteering*, *treasure hunt*

**EFFECTIVENESS OF ORIENTEERING IN PHENOMENON-BASED LEARNING  
ON IMPROVING STUDENTS' SPATIAL THINKING SKILLS AT SMA ISLAM AL  
AZHAR 14 SEMARANG**

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**ABSTRACT**

*Spatial thinking skills are skills that can affect various areas of human life. Spatial thinking skills can be improved through geography learning using the orienteering method. This study aims to analyze the differences in students' spatial thinking skills before and after learning using the orienteering method, analyze the differences in spatial thinking skills before and after learning using the treasure hunt method, and analyze the differences in increasing spatial thinking skills between the orienteering method and the treasure hunt method. The research method used is a quasi-experimental with a pretest-posttest control group design. The experimental group carried out learning using the orienteering method, while the control group used the treasure hunt method. Analysis of research data using paired sample t-test, independent sample t-test, and n-gain. The results of the study showed that: 1) the orienteering method had the highest n-gain increase in the spatial group (region) indicator of 100% and the lowest n-gain in the spatial distance indicator of 24%, 2) the treasure hunt method showed the highest n-gain increase in the spatial influence indicator of 50% and the lowest n-gain in the spatial association indicator of -17%, 3) the orienteering method and the treasure hunt method had advantages in different spatial thinking skill indicators. Integration of the orienteering method with the treasure hunt method can be done to improve spatial thinking skills as a whole.*

**Keywords:** *spatial thinking skills, orienteering, treasure hunt*

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