

### Abstract

Research Title : String Art Pattern Design for Improvement the Learning Level  
In Bangkhontri District Samutsongkhram Province by Using GSP  
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This paper proposes design the pattern of string art using The Geometer's Sketchpad (GSP). This program can apply to create the new string art pattern by using variety properties in Mathematics such as rotation, reflection, drawing a circle, showing the grid. Moreover, this program can help create new pattern of string art with less time and less cost but more colorful. Creation pattern is usually complicated because it takes plenty of time and effort to create by hand. The knowledge of this project will be useful for improvement the learning level and income in Bangkhontri district Samutsongkhram province.