My first scientific research

**Tiling the plane with regular polygons**

1st step: Scientists keep learning

* What is a plane?
* What is tiling the plane?
* What is a polygon?
* What is a regular polygon?

2nd step: Curious scientist pose a lot of question

* What is regular tiling?
* How many regular tilings are there?
* What is Archimedean tiling?
* How many versions of Archimedean tiling are there?

3rd step: Scientists love to play

* How many regular ways are there to tile the plane?

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* What are those tilings?

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* How many Archemedean tilings are there?

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* What are those tilings?

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4th step: Light at the end of a tunnel (confirmation of the hypothesis by mathematical proof)