**Backward Design Lesson Plan Template**

**School: moos Elementary School**

Teacher Mengmeng Zhang Grade level Novice

Lesson title Tangram and colors revision

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| Step 1—Desired Results |
| *Standard Outcomes for Learning (ACTFL Standard 1.1)—Answer’s the question, what should students know, understand, and be able to do as a result of the lesson?*1. *SWBAT make their own tangram with color paper.*
2. *SWBAT review the color in mandarin they have learnt*
3. *SWBAT* ***create animals with tangram.***
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| Step 2—Assessment Evidence |
| *Performance task—What will students do to show what they have learned?*1. *Students can describe the pieces of the tangram by color.*
2. *Students can create animals with tangram.*
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| Step 3—Learning Plan |
| *Learning activities - Answer’s the question, how do I teach it?*The **tangram** ([Chinese](https://en.wikipedia.org/wiki/Chinese_language%22%20%5Co%20%22Chinese%20language): 七巧板; [pinyin](https://en.wikipedia.org/wiki/Pinyin%22%20%5Co%20%22Pinyin): *qīqiǎobǎn*; literally: 'seven boards of skill') is a [dissection puzzle](https://en.wikipedia.org/wiki/Dissection_puzzle%22%20%5Co%20%22Dissection%20puzzle)consisting of seven flat shapes, called *tans*, which are put together to form shapes. The objective of the puzzle is to form a certain shape (given only an outline or silhouette) using all seven pieces, which can not overlap. It is reputed to have been invented in [China](https://en.wikipedia.org/wiki/China%22%20%5Co%20%22China) during the [Song Dynasty](https://en.wikipedia.org/wiki/Song_Dynasty%22%20%5Co%20%22Song%20Dynasty),[[1]](https://en.wikipedia.org/wiki/Tangram%22%20%5Cl%20%22cite_note-inthandbook-1) and then carried over to [Europe](https://en.wikipedia.org/wiki/Europe%22%20%5Co%20%22Europe) by trading ships in the early 19th century. It became very popular in Europe for a time then, and then again during [World War I](https://en.wikipedia.org/wiki/World_War_I%22%20%5Co%20%22World%20War%20I). It is one of the most popular [dissection puzzles](https://en.wikipedia.org/wiki/Dissection_puzzles%22%20%5Co%20%22Dissection%20puzzles) in the world.[[2]](https://en.wikipedia.org/wiki/Tangram%22%20%5Cl%20%22cite_note-2)[[3]](https://en.wikipedia.org/wiki/Tangram%22%20%5Cl%20%22cite_note-3) A Chinese psychologist has termed the tangram "the earliest psychological test in the world", albeit one made for entertainment rather than for analysis*1.* Watch a video about 七巧板Qiqiaoban : (15 min) <https://www.youtube.com/watch?v=8c8WBRsfy8U> 2.Make the tangram by color paper.3 .Say Qiqiaoban (七巧板） in Mandarin and tell your parents What the colors of the pieces are in mandarin.4.Watch a video about how to make animal with tangram puzzle.<https://www.youtube.com/watch?v=PmC2TeFKCSs>1. *Take a picture of what you made and shared in homeroom dojo.*
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| Step 4—Reflection |
| *What happened during my lesson? What did my students learn? How do I know? What did I learn? How will I improve my lesson next time.**Most of the students are interested in this topic, they are now learning at home so this game arouse a lot of interests.* |

Adapted from Tomlinson and McTighe, *Integrating Differentiated Instruction + Understanding by Design*, ASCD,