**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.*** |
| 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" \o "Chinese language): 七巧板; [pinyin](https://en.wikipedia.org/wiki/Pinyin" \o "Pinyin): *qīqiǎobǎn*; literally: 'seven boards of skill') is a [dissection puzzle](https://en.wikipedia.org/wiki/Dissection_puzzle" \o "Dissection puzzle)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" \o "China) during the [Song Dynasty](https://en.wikipedia.org/wiki/Song_Dynasty" \o "Song Dynasty),[[1]](https://en.wikipedia.org/wiki/Tangram" \l "cite_note-inthandbook-1) and then carried over to [Europe](https://en.wikipedia.org/wiki/Europe" \o "Europe) 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" \o "World War I). It is one of the most popular [dissection puzzles](https://en.wikipedia.org/wiki/Dissection_puzzles" \o "Dissection puzzles) in the world.[[2]](https://en.wikipedia.org/wiki/Tangram" \l "cite_note-2)[[3]](https://en.wikipedia.org/wiki/Tangram" \l "cite_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.* |
| 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,