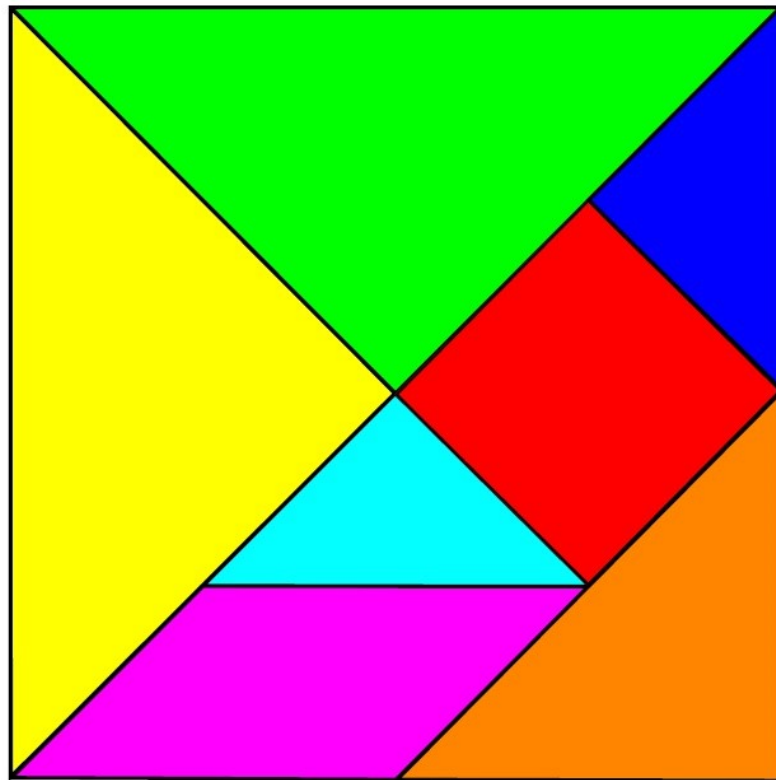


TANGRAM



Marijana Pili,
učiteljica matematike, OŠ Pušća

POVIJEST

- ▶ stara kineska slagalica
- ▶ kao cjelina čini kvadrat
- ▶ svaki dio se zove TAN



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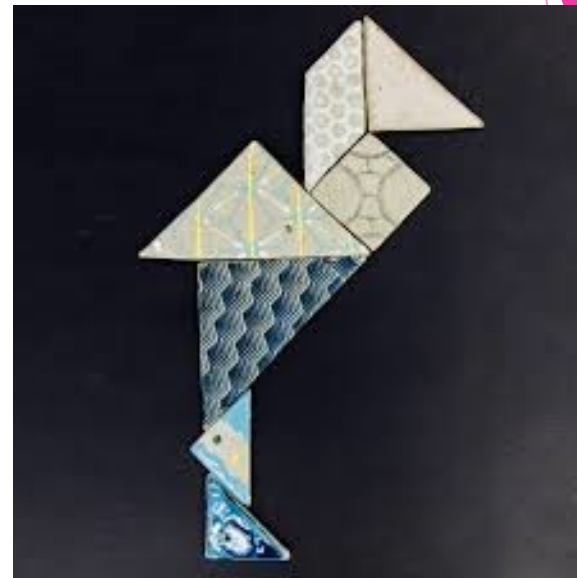
LEGENDA

- ▶ nekada davno u Kini je živio čovjek imena Tan
- ▶ Tanova najveća dragocjenost bila je njegova keramička pločica u obliku kvadrata
- ▶ dok je pločicu nosio caru da mu je pokaže, ispala mu je iz ruku i razbila se na 7 dijelova (geometrijskih likova)



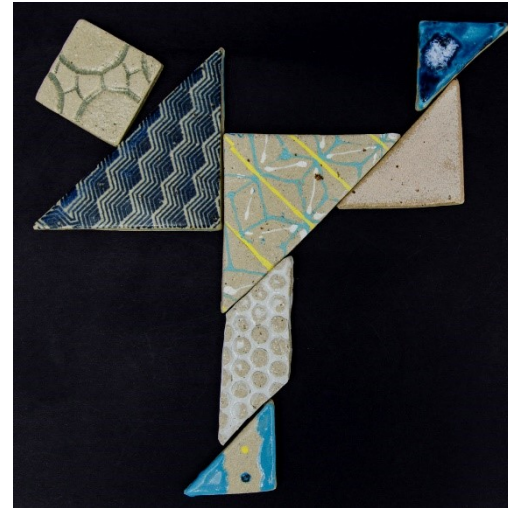
LEGENDA

- ▶ Tan je proveo ostatak svog života spajajući dijelove svoje pločice kako bi dobio cjelinu
- ▶ pokušavajući složiti pločicu slagao je različite i zanimljive likove

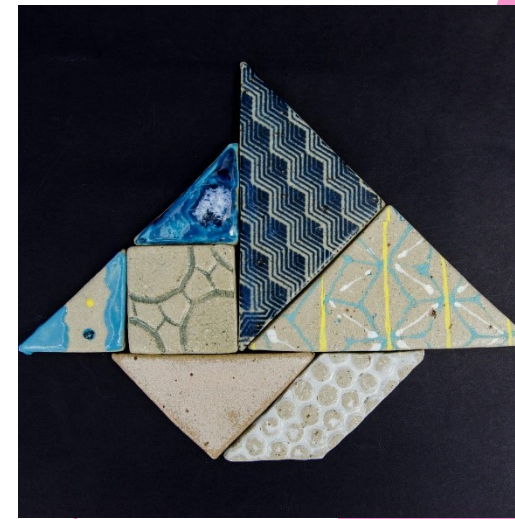


LEGENDA

▶ Tanu se jako svidjelo slagati različite likove, kasnije poznate kao tangrame

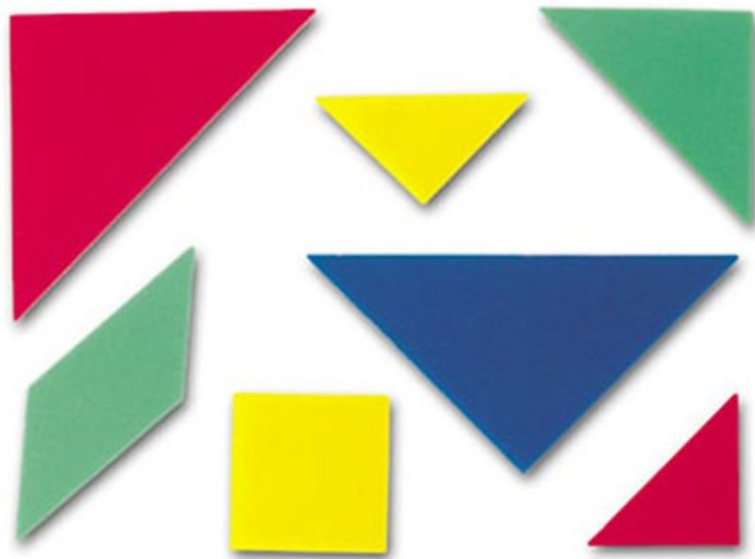


▶ tangram je najstarija i najtrajnija geometrijska slagalica

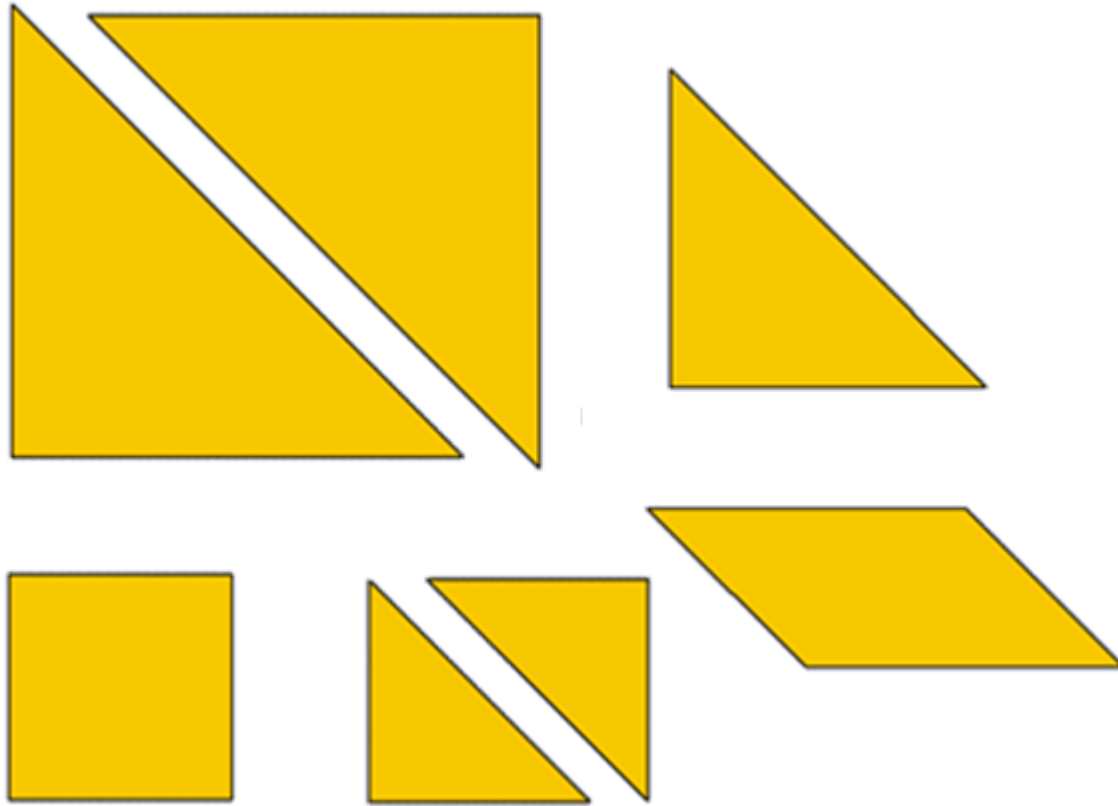


Od čega se sastoji tangram?

- ▶ Koje geometrijske likove vidiš?



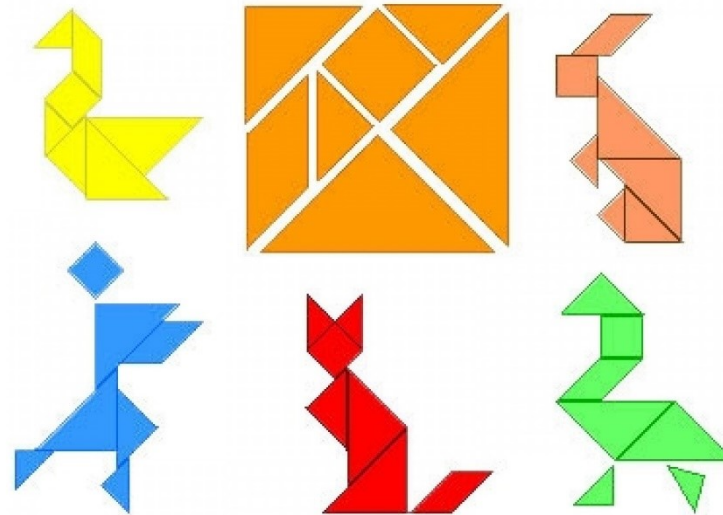
Od čega se sastoji tangram?



- 2 velika pravokutna trokuta
- 1 srednji pravokutni trokut
- kvadrat
- 2 mala pravokutna trokuta
- paralelogram

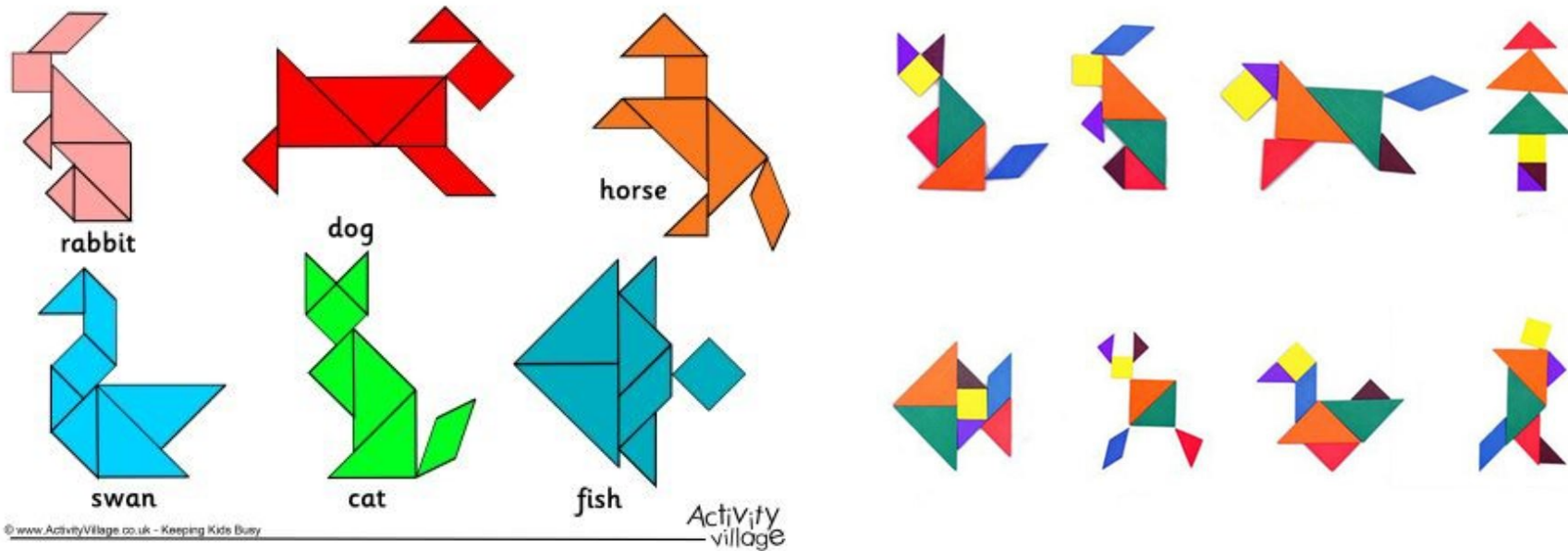
PRAVILA ZA SLAGANJE TANGRAMA

- ▶ treba upotrijebiti svih 7 dijelova
- ▶ dijelovi se trebaju dodirivati, ali se ne smiju preklapati



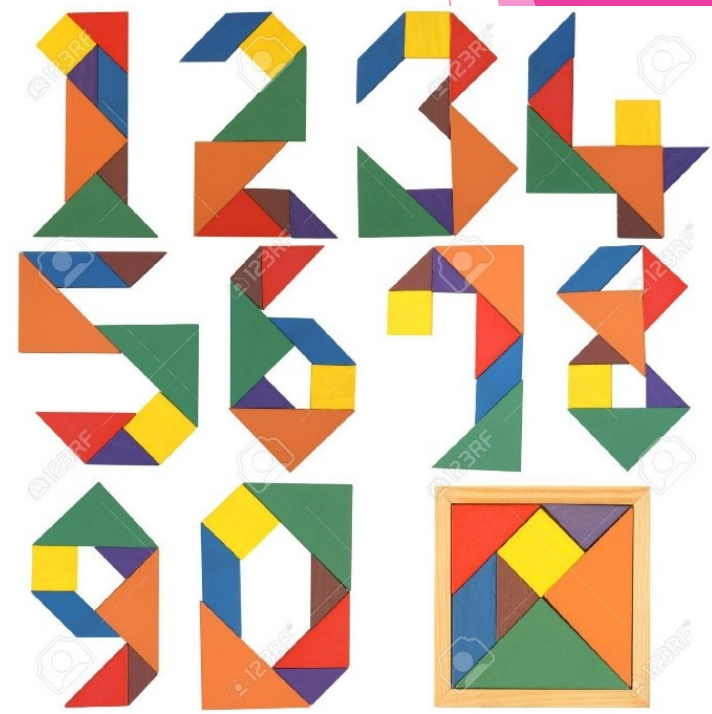
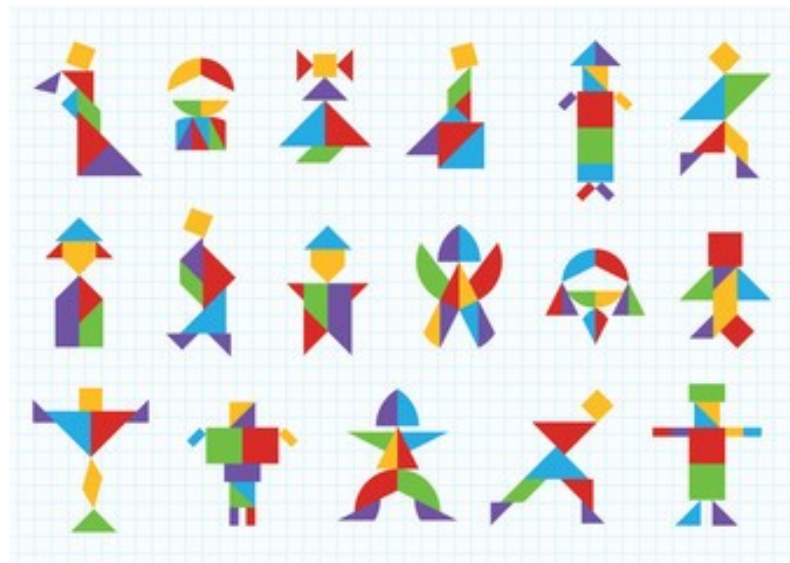
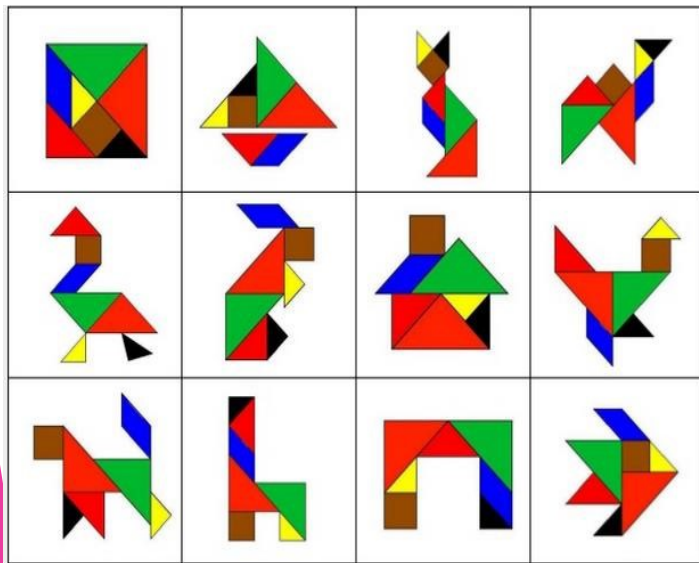
PRIMJERI LIKOVA KOJE MOŽEŠ SLOŽITI

► različite životinje i stabla



PRIMJERI LIKOVA KOJE MOŽEŠ SLOŽITI

► kuće, ljudi i brojevi



TANGRAM DANAS

▶ ONLINE IGRE



Tangram Game B 

Short Game (4 Shapes)

[start](#)

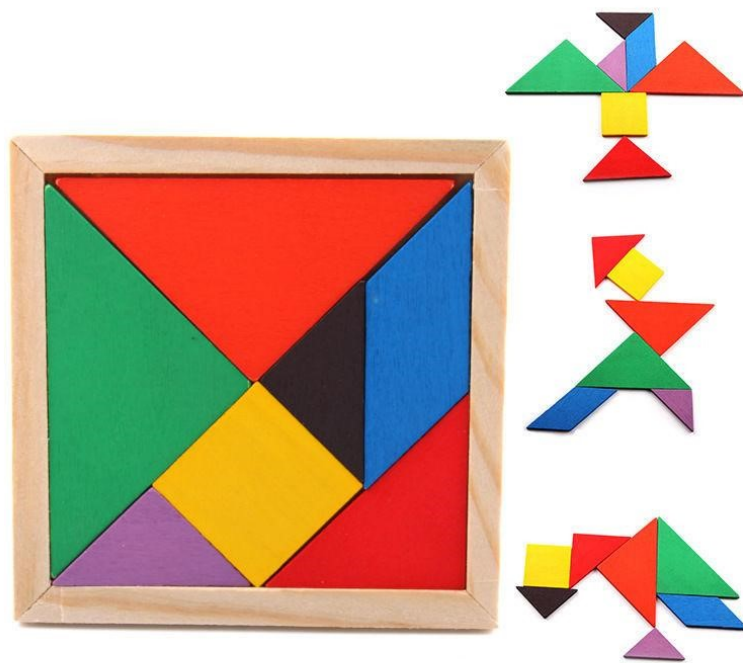
Long Game (10 Shapes)

[start](#)

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▶ DRVENE TANGRAM SLAGALICE



TANGRAM DANAS

► MAGNETSKE TANGRAM SLAGALICE



Literatura

- ▶ <https://hr.wikipedia.org/wiki/Tangram>
- ▶ <https://www.tangram-channel.com/history-of-the-tangram/>
- ▶ <https://www.tangram-channel.com/legend-of-the-tangram/>
- ▶ <https://www.artrea.com.hr/igre/tangram2.html>