



Laboratorio logic- mate-stem

Istituto F. De Roberto Catania
classe 5A/B Sapri

PIANO ESTATE 2020/21

Finalità del progetto

Il progetto ha offerto la possibilità di per costruire un ponte verso il prossimo anno scolastico e attivare una didattica fondata sulla ricerca-azione, quindi sulla scoperta. Ha appresentato una situazione ottimale per riprendere e rinforzare le capacità logico-matematiche di ciascun alunno., adattando attività e strategie diverse.

Obiettivi Contenuti Attività

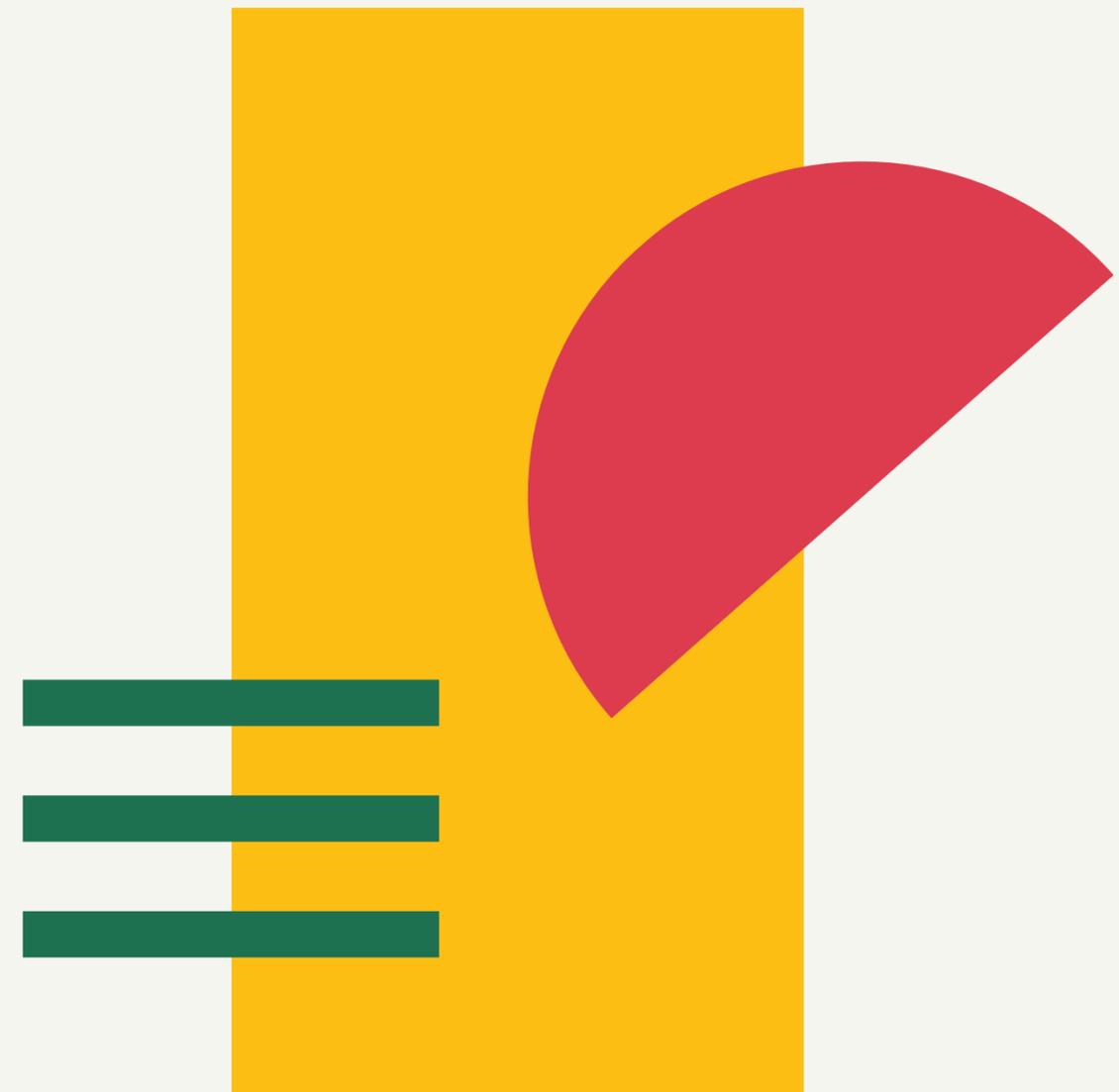
- Vivere un'esperienza positiva, costruttiva e fortemente socializzante;
- Potenziare le capacità creative e logico-espressive;
- Utilizzare procedimenti logici nella risoluzione di problemi.
- Utilizzare le competenze e il linguaggio proprio della matematica per leggere ed interpretare la realtà ;

Disegno geometrico, giochi da tavolo (Polimiinx, Set) e di socialità, costruzione di figure piane e solide, giochi online al pc e alla LIM, piantumazioni, tassellazioni del piano, ritaglio e colorazione di polimini.

- Conoscere e utilizzare polimini;
- Strategie di calcolo veloce
- Le principali figure geometriche del piano e dello spazio
- Costruzione mediante modelli e materiali di alcune fondamentali figure geometriche del piano e dello spazio

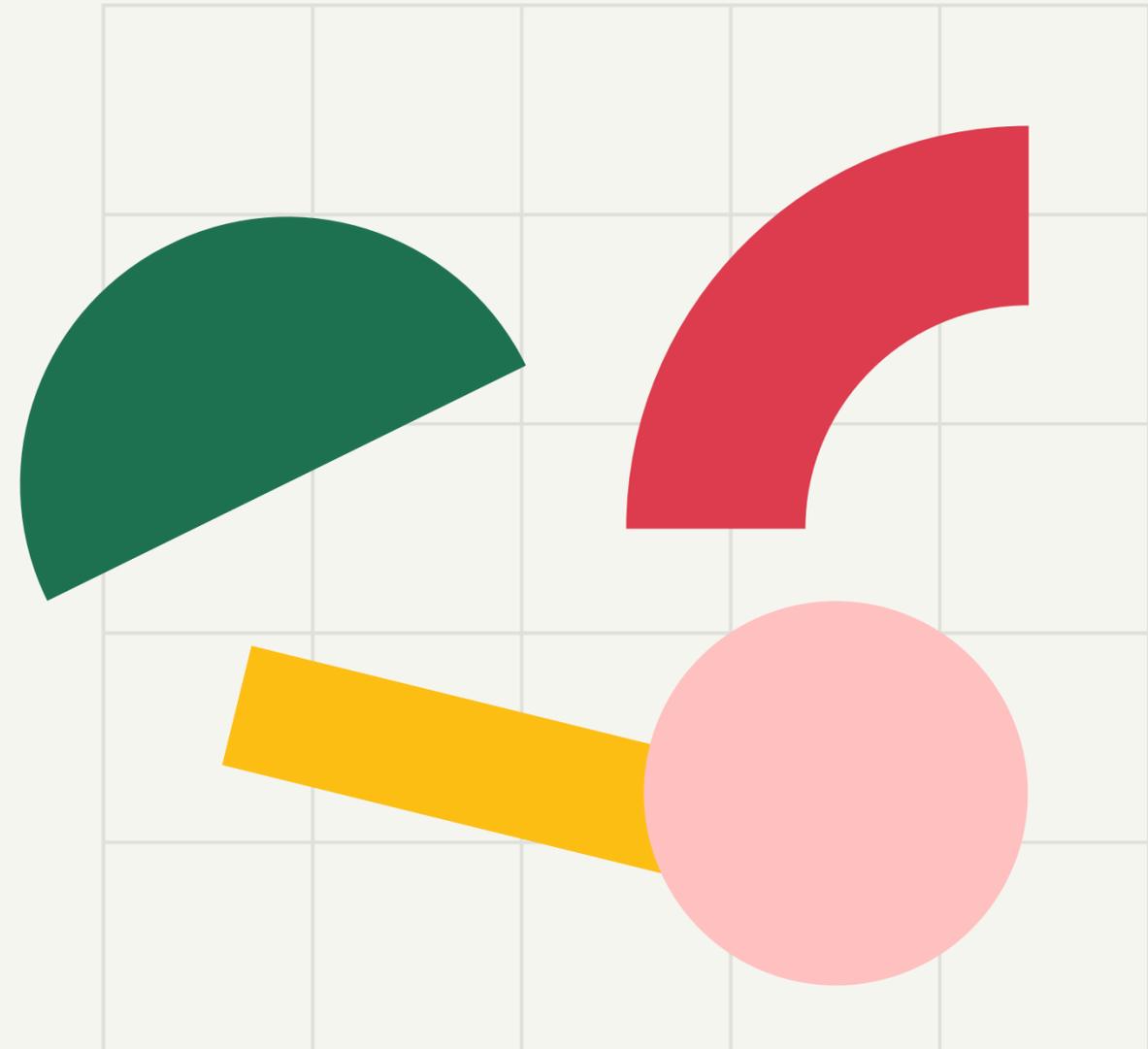
metodologia

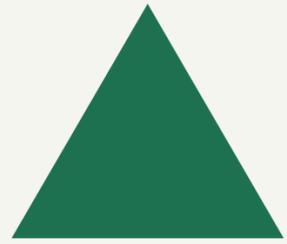
La metodologia impiegata è stata quella di una didattica laboratoriale, una didattica del fare che ha attivamente coinvolto gli allievi nel processo di insegnamento-apprendimento il learning by doing e il cooperative learning



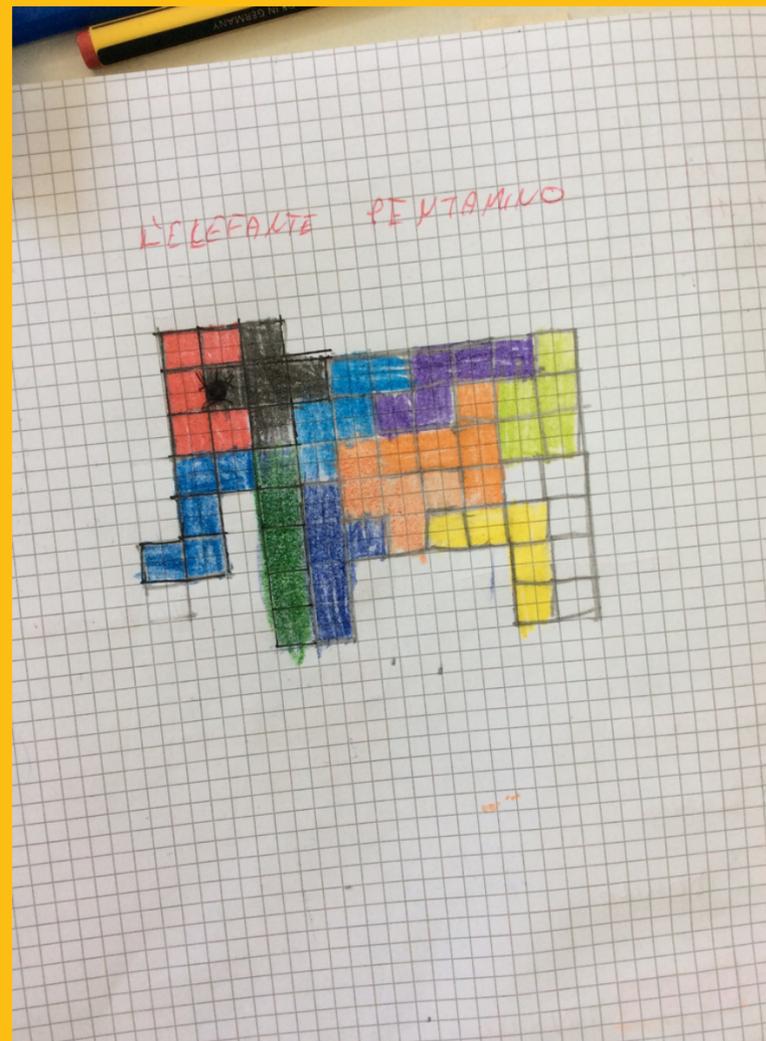
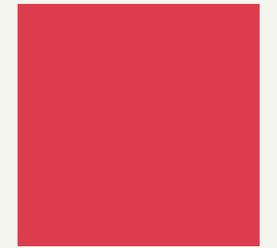
Modalità di svolgimento

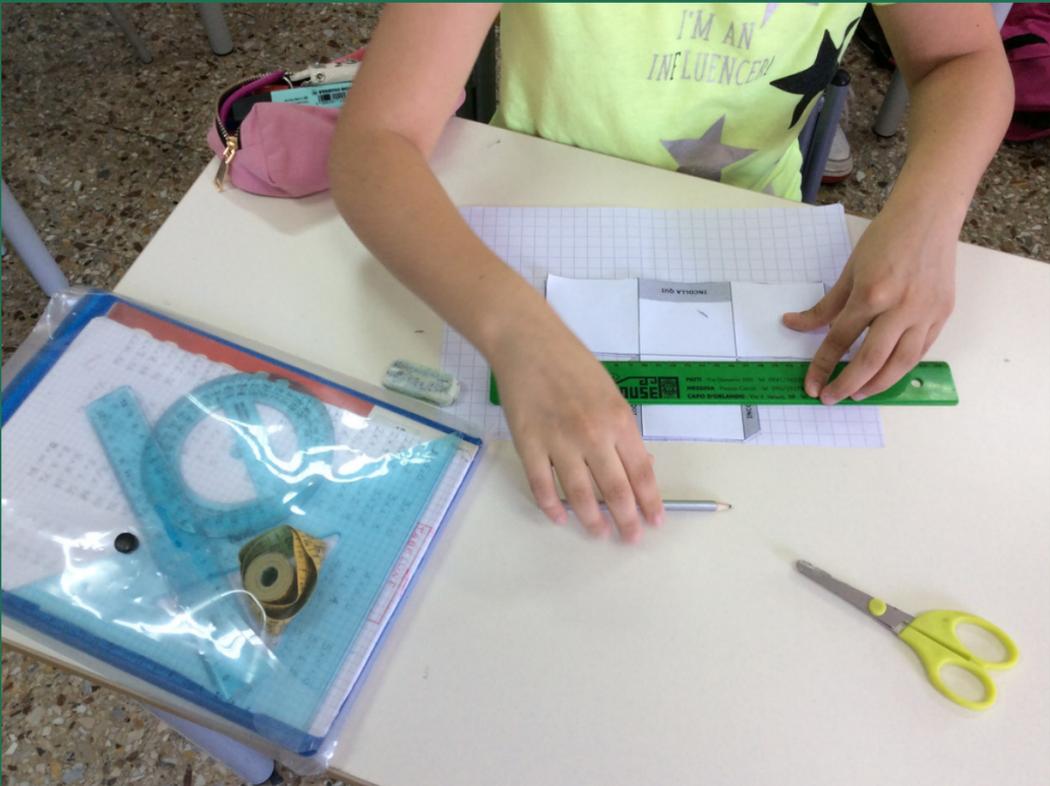
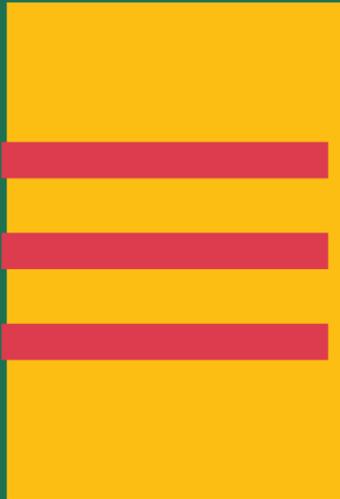
- 15 ore dal 14 al 18 giugno 2021
- gruppi di alunni classe 5 A/B
- aula didattica/cortile esterno
- Personal computer, LIM, cartoncini colorati, fogli bianchi formato A4, forbici, colla, pennarelli colorati, colori a matita, gomme, matite, righello
- carte da gioco

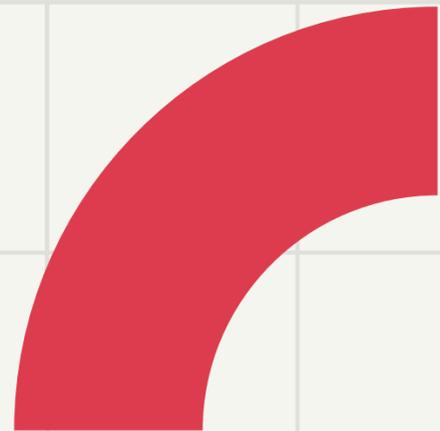




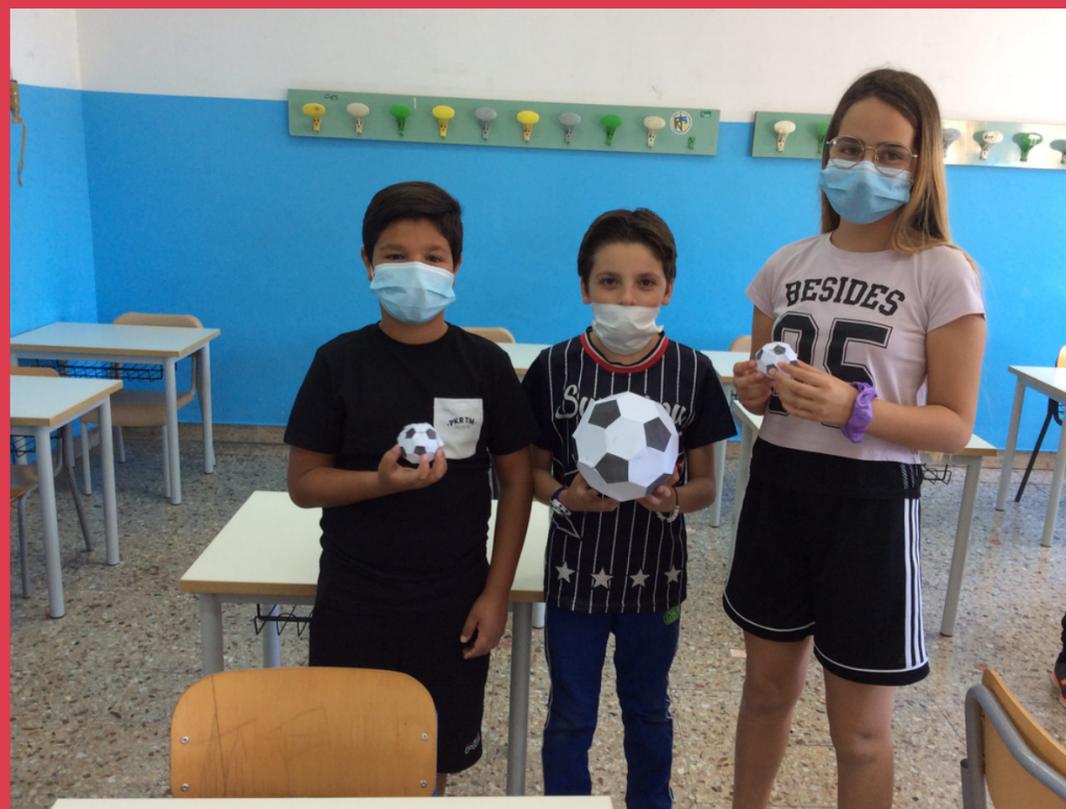
documentazione fotografica delle attività svolte





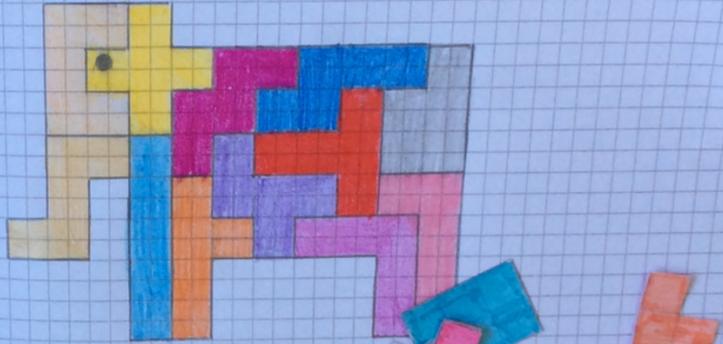


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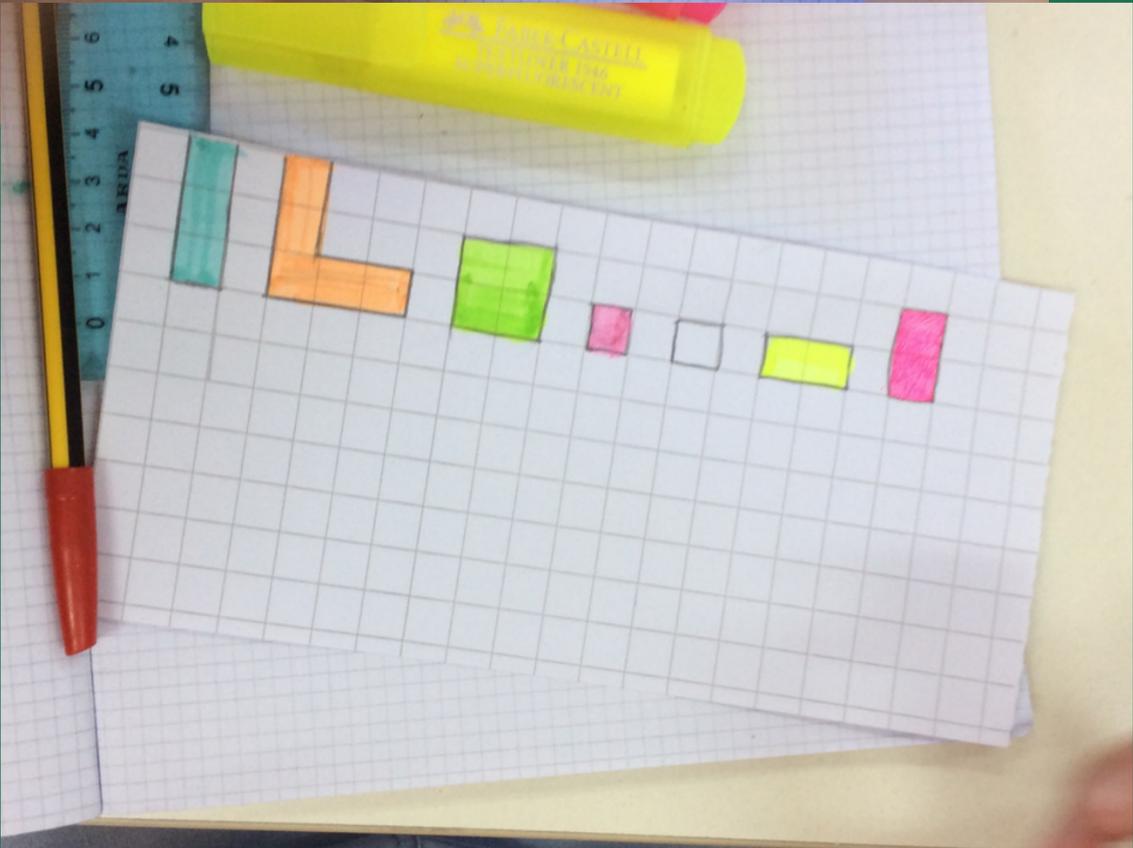
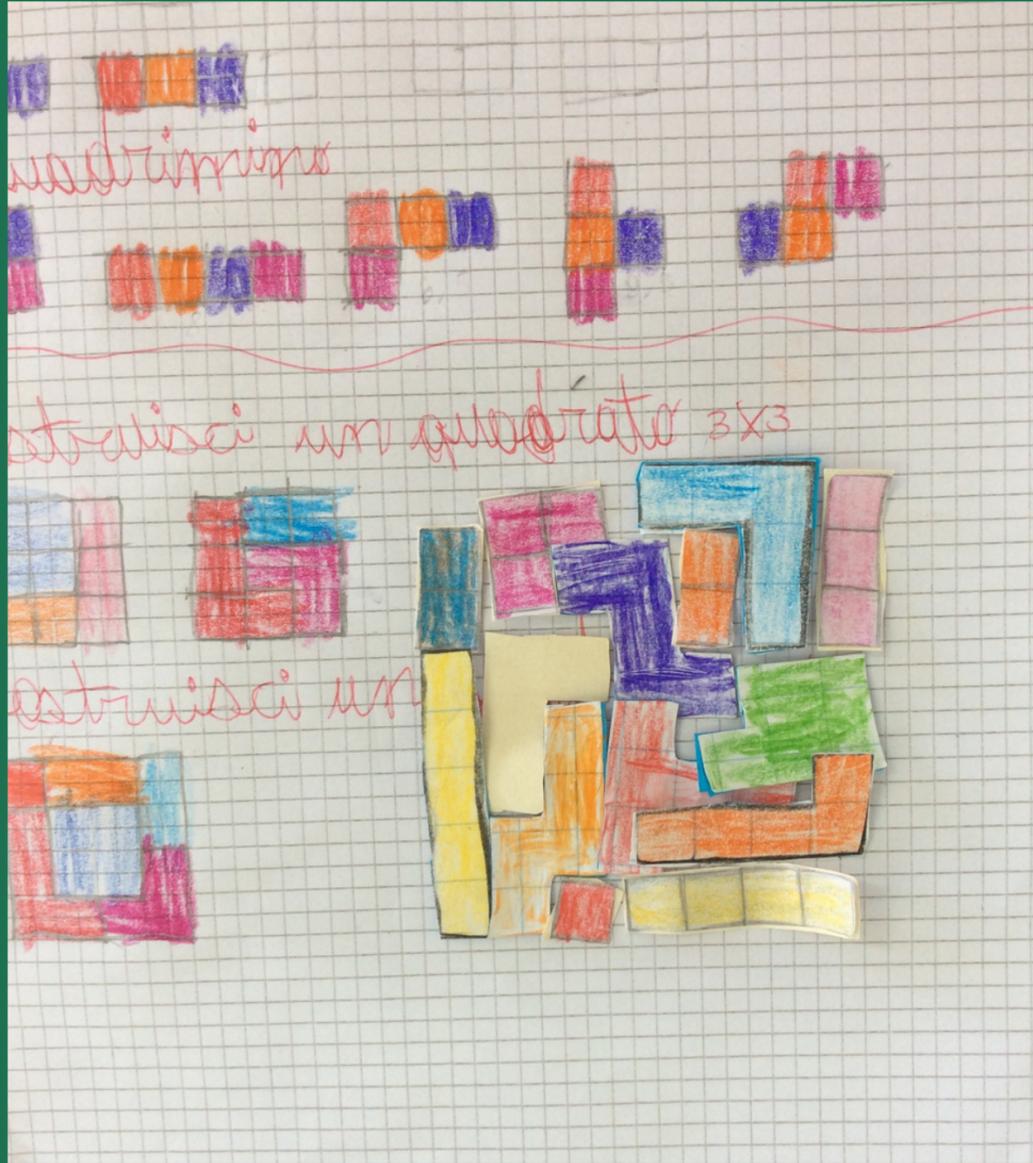


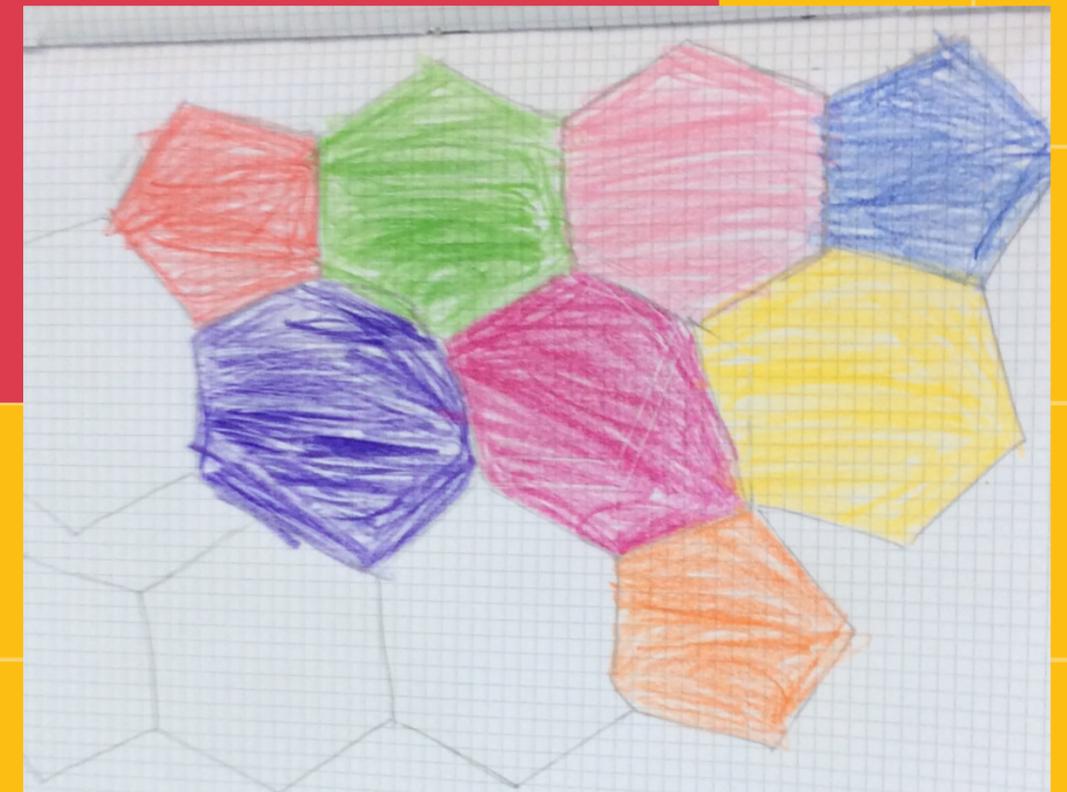
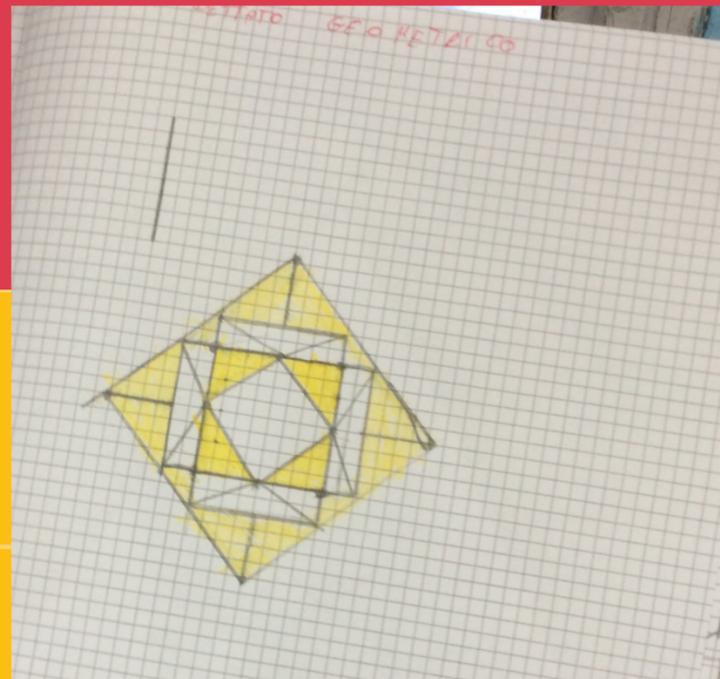
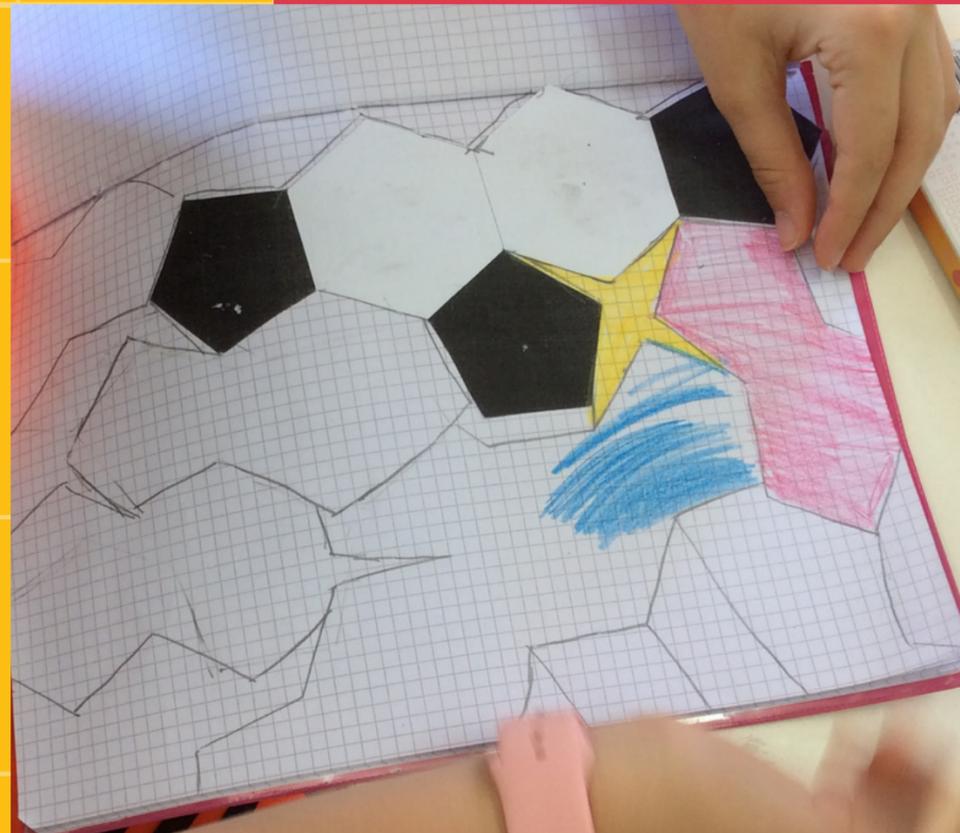
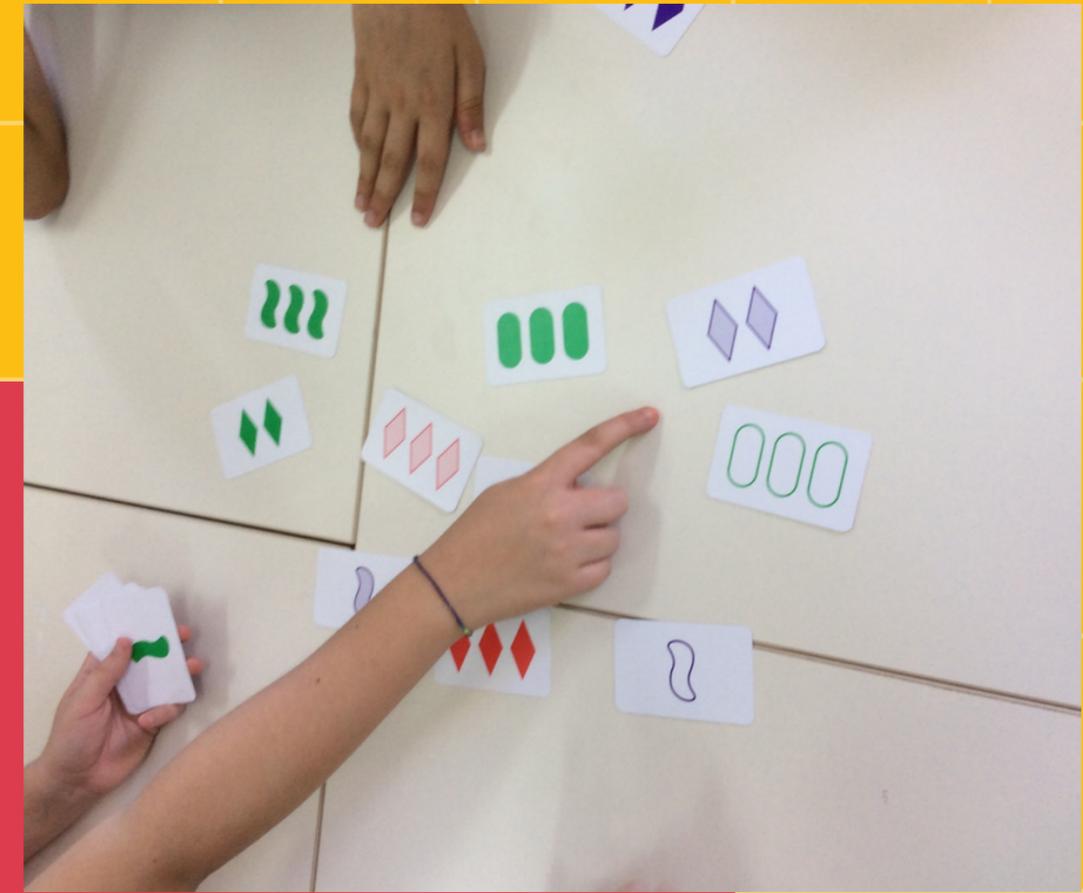
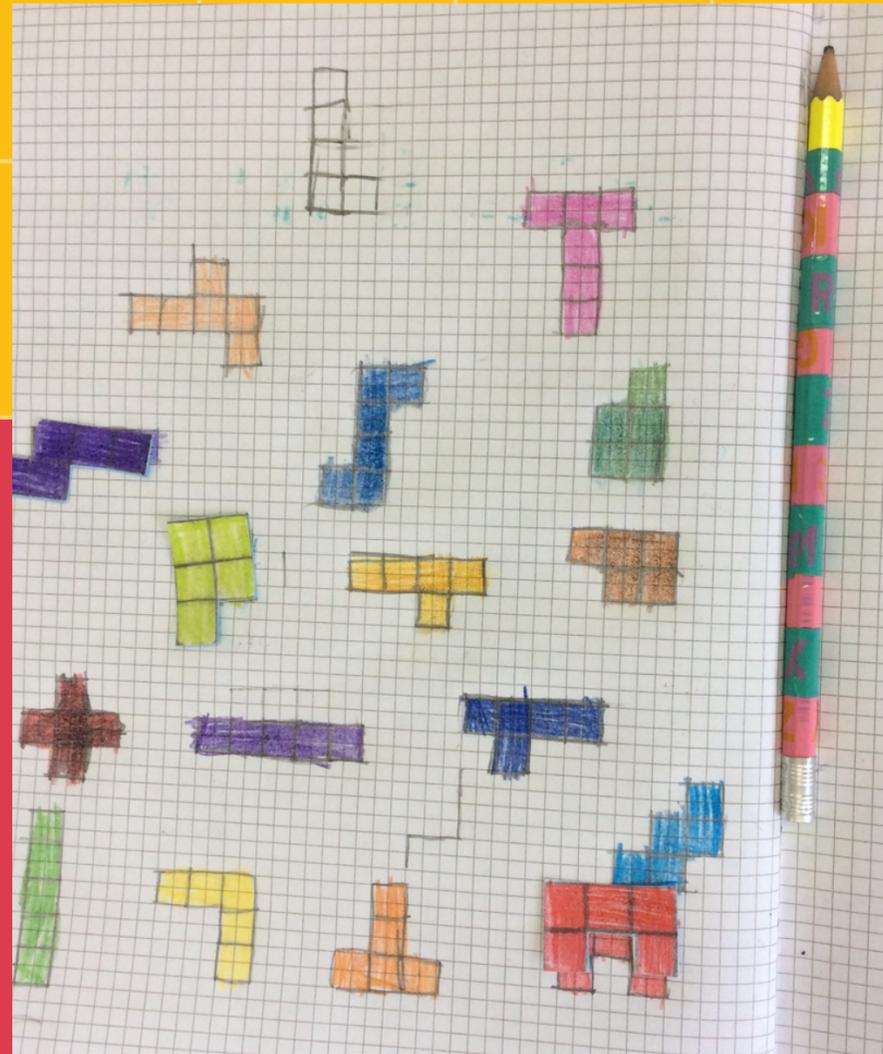
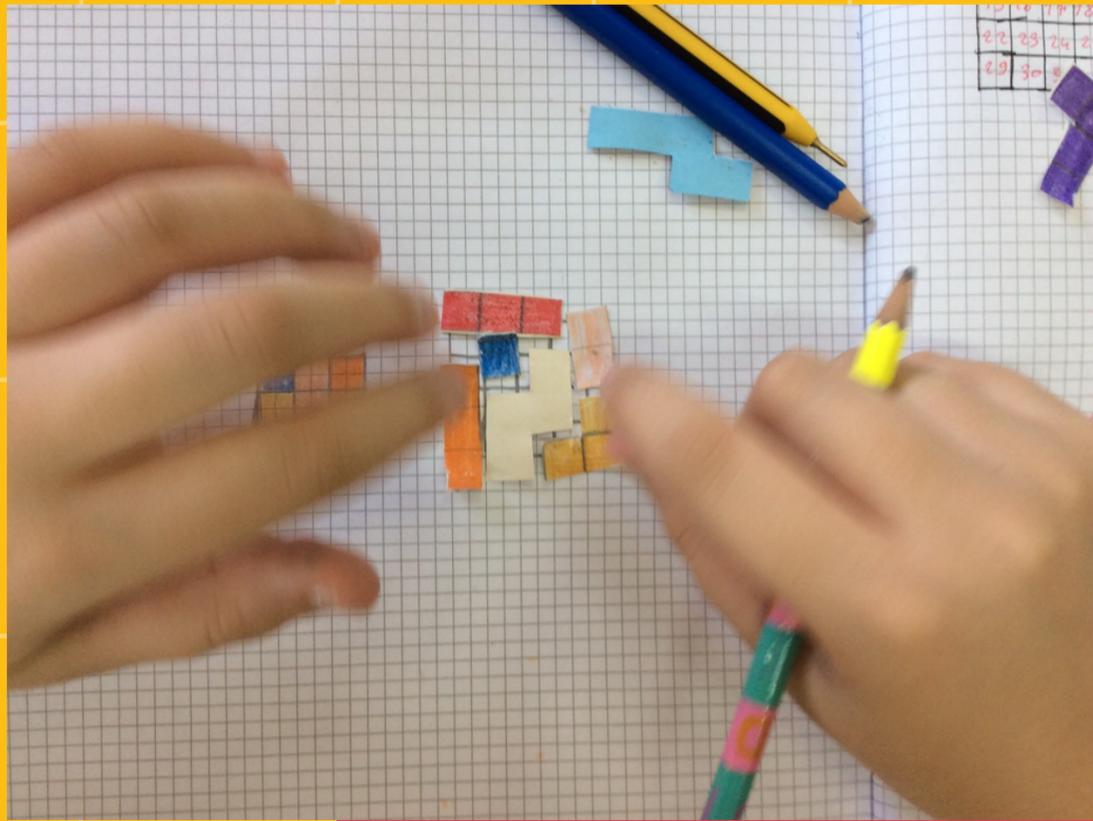


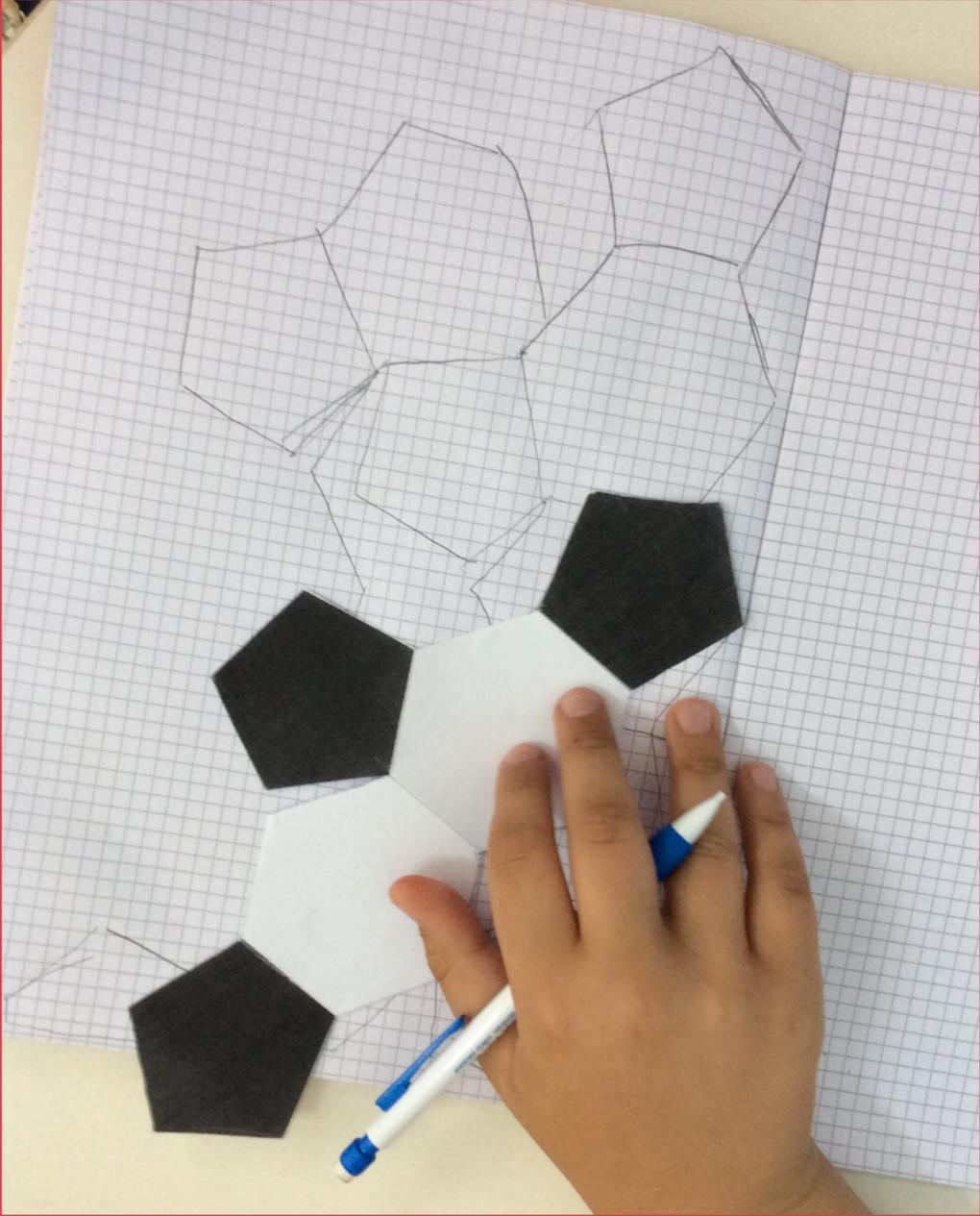
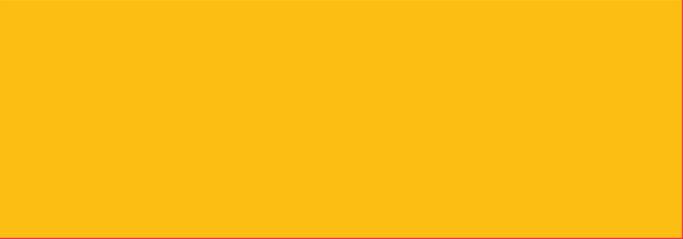
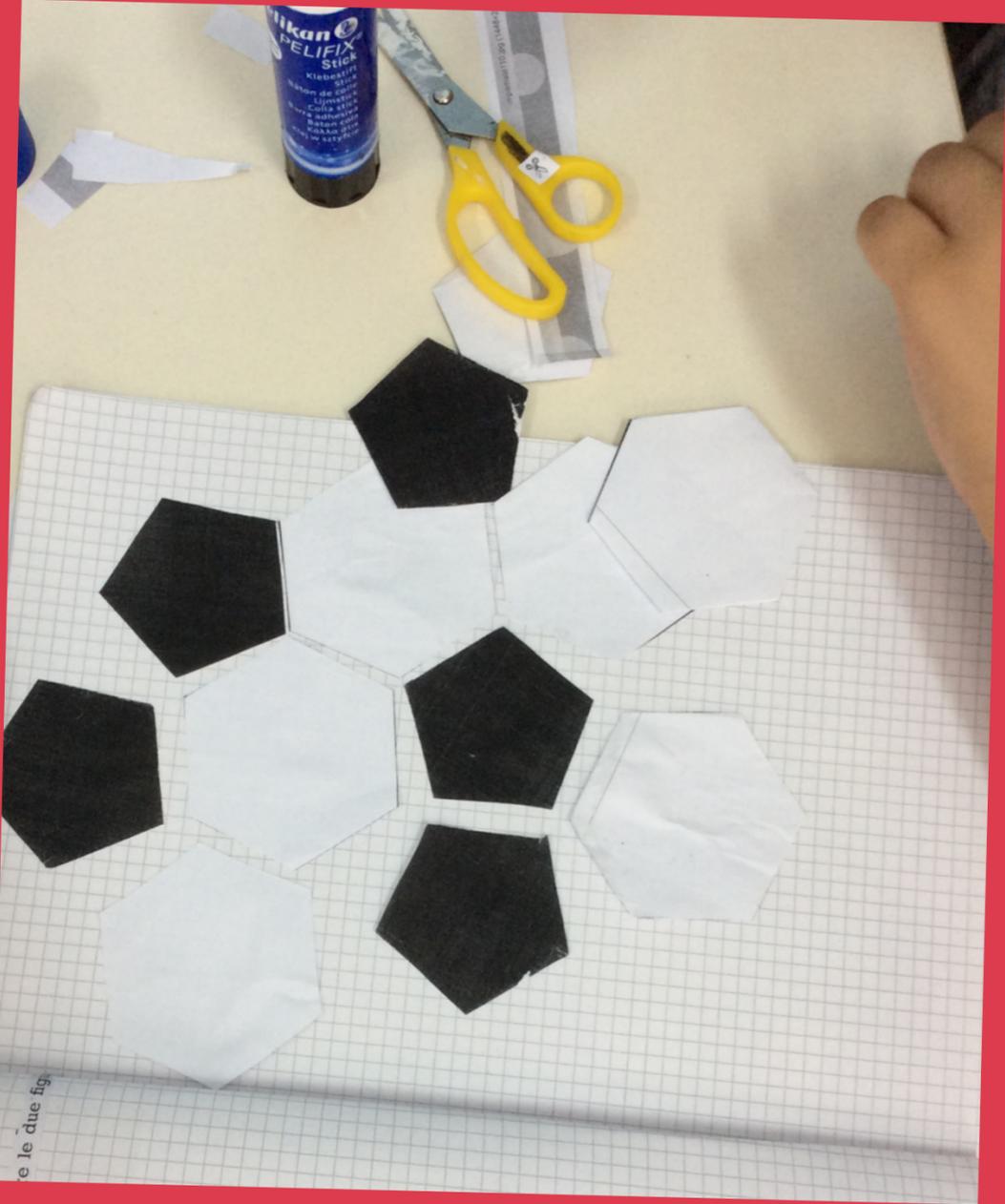
sono figure costruite con 5 quadratini legati da un lato.

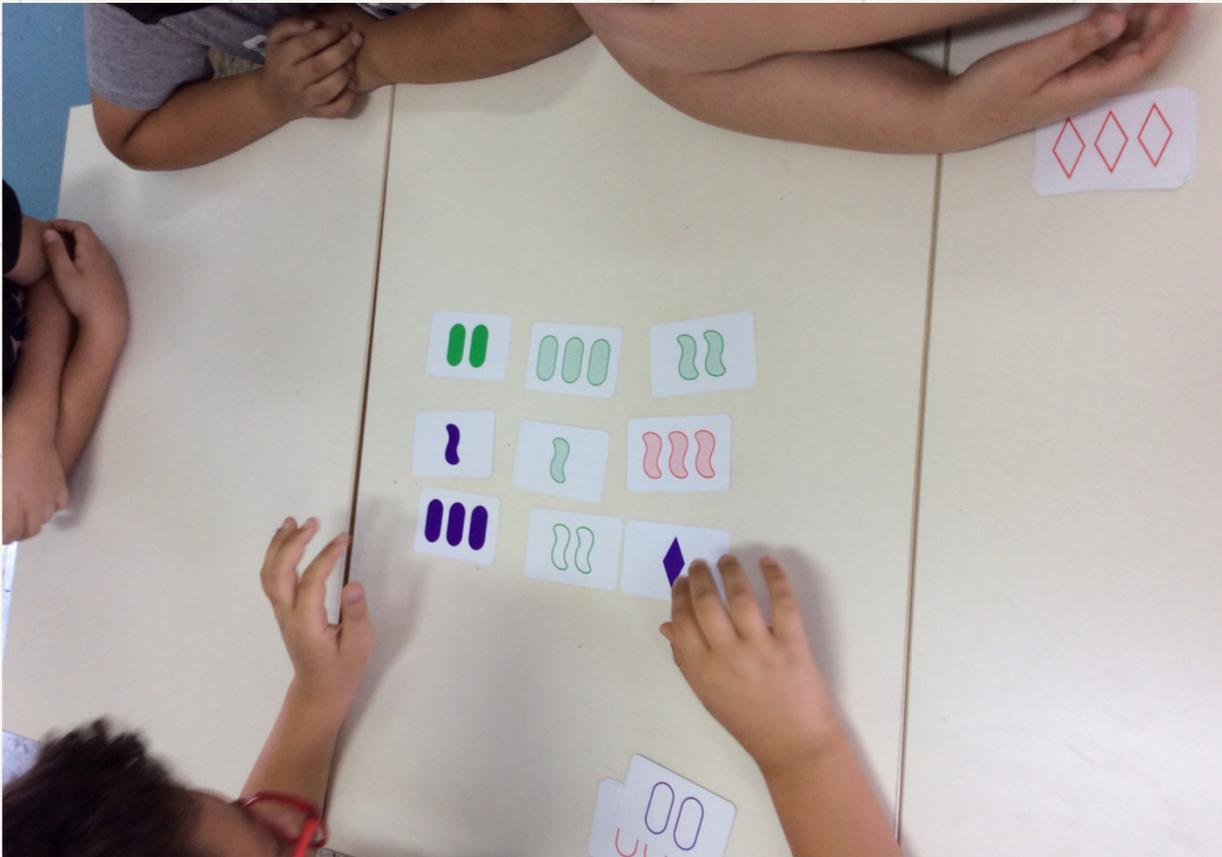
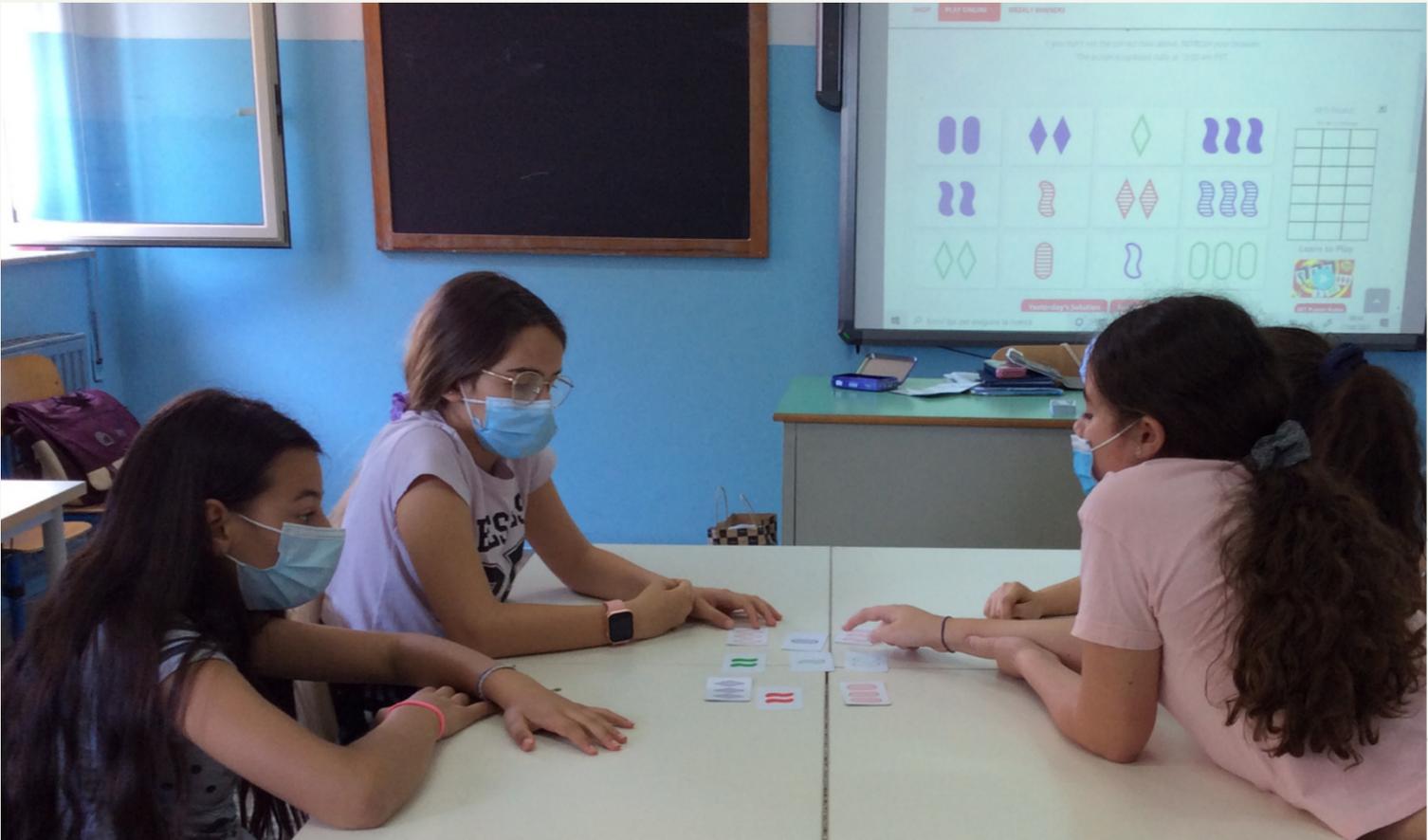


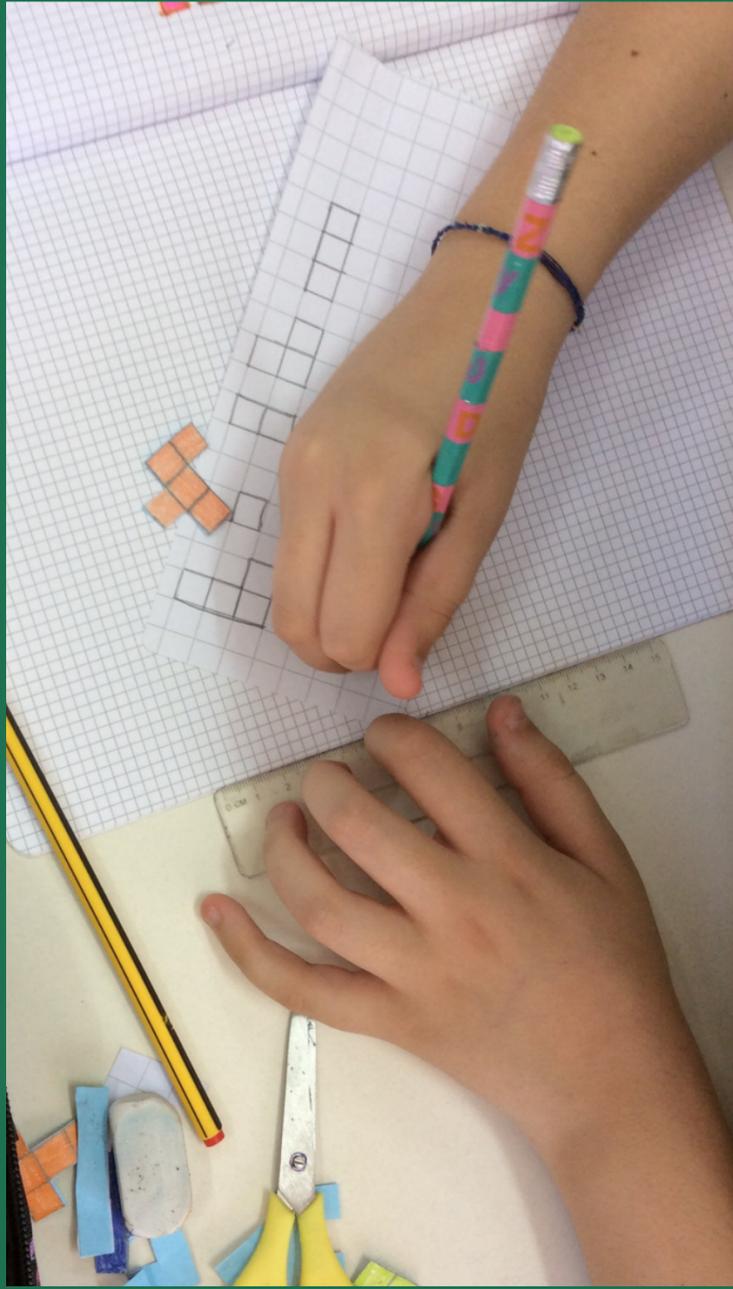
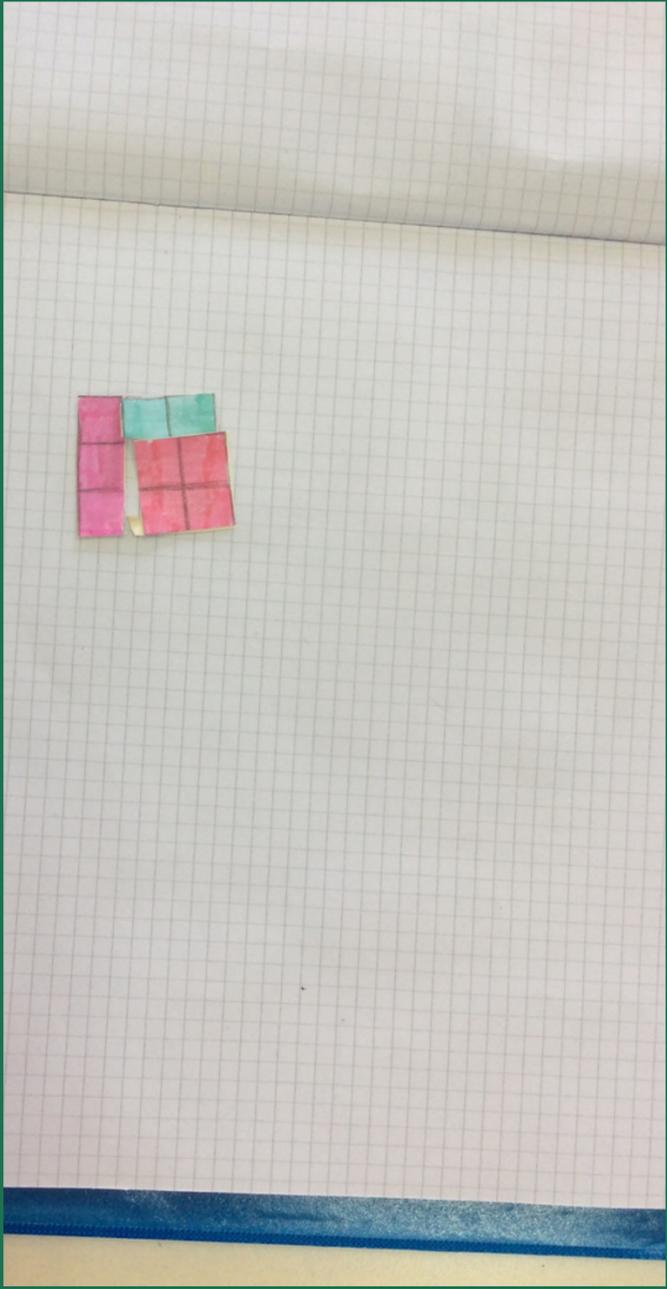
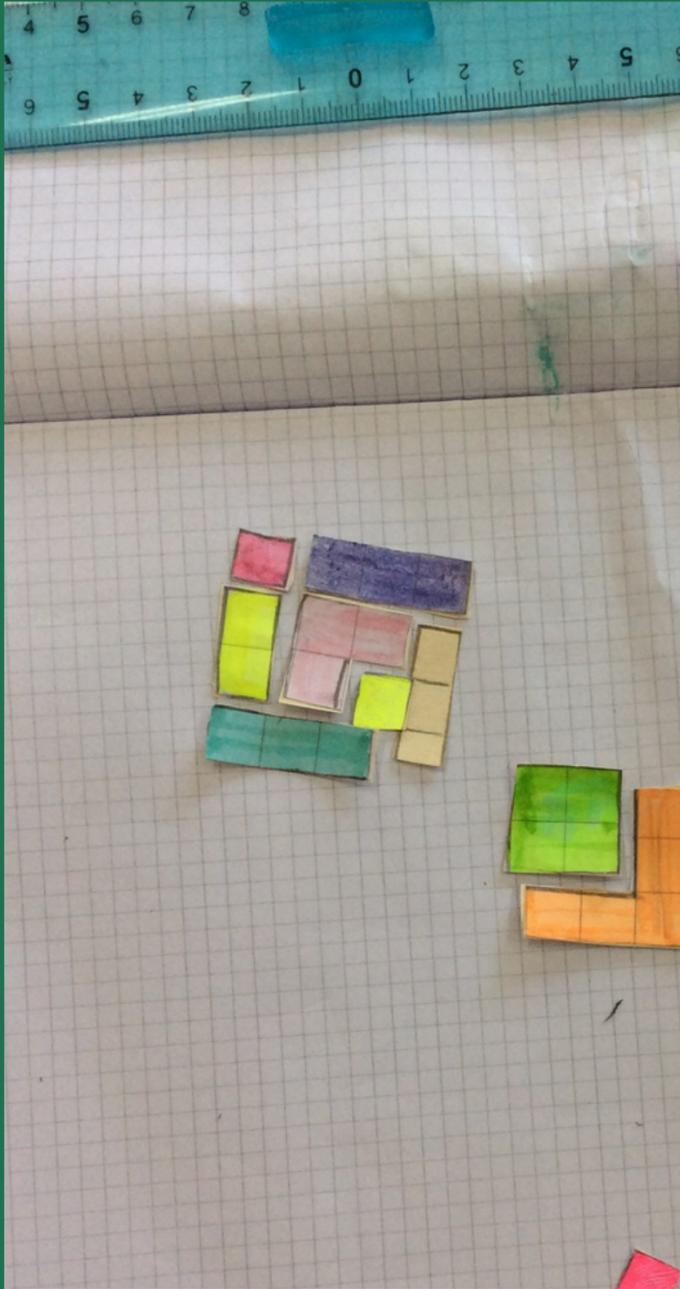
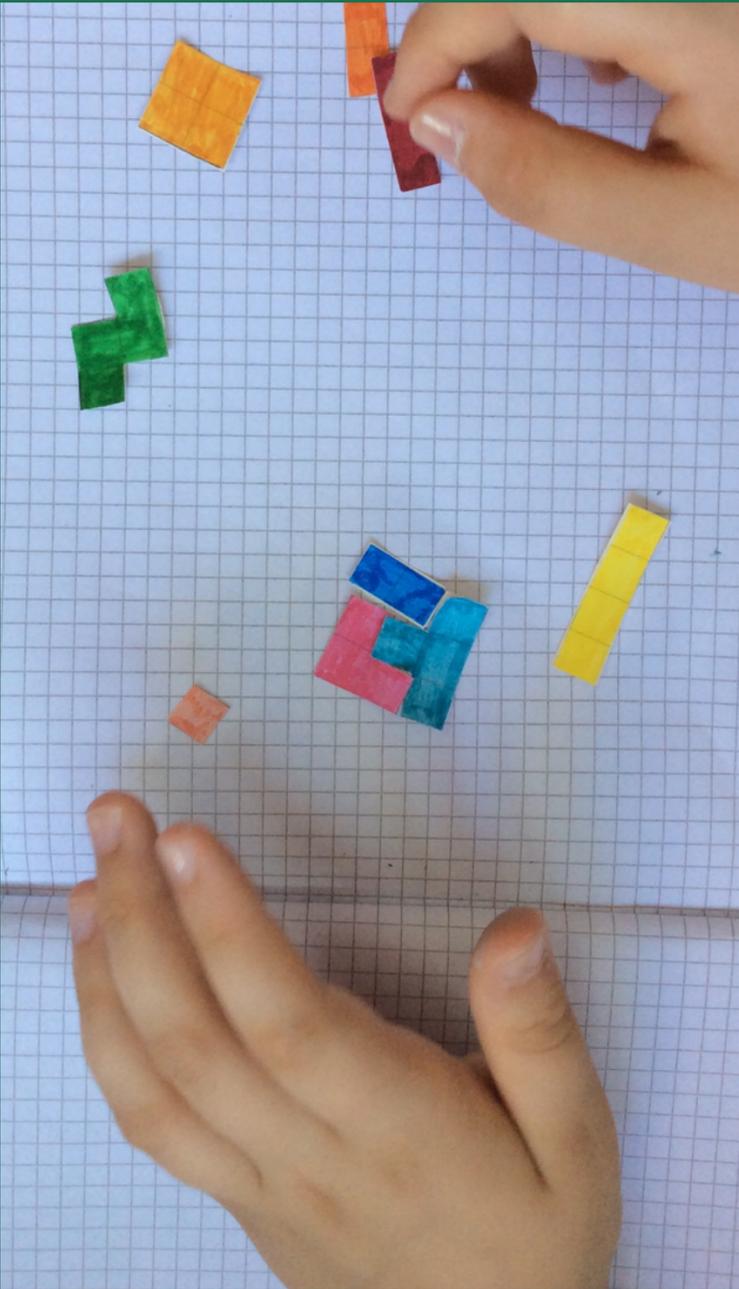
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		17	18	19	20	21
		25	26	27	28	

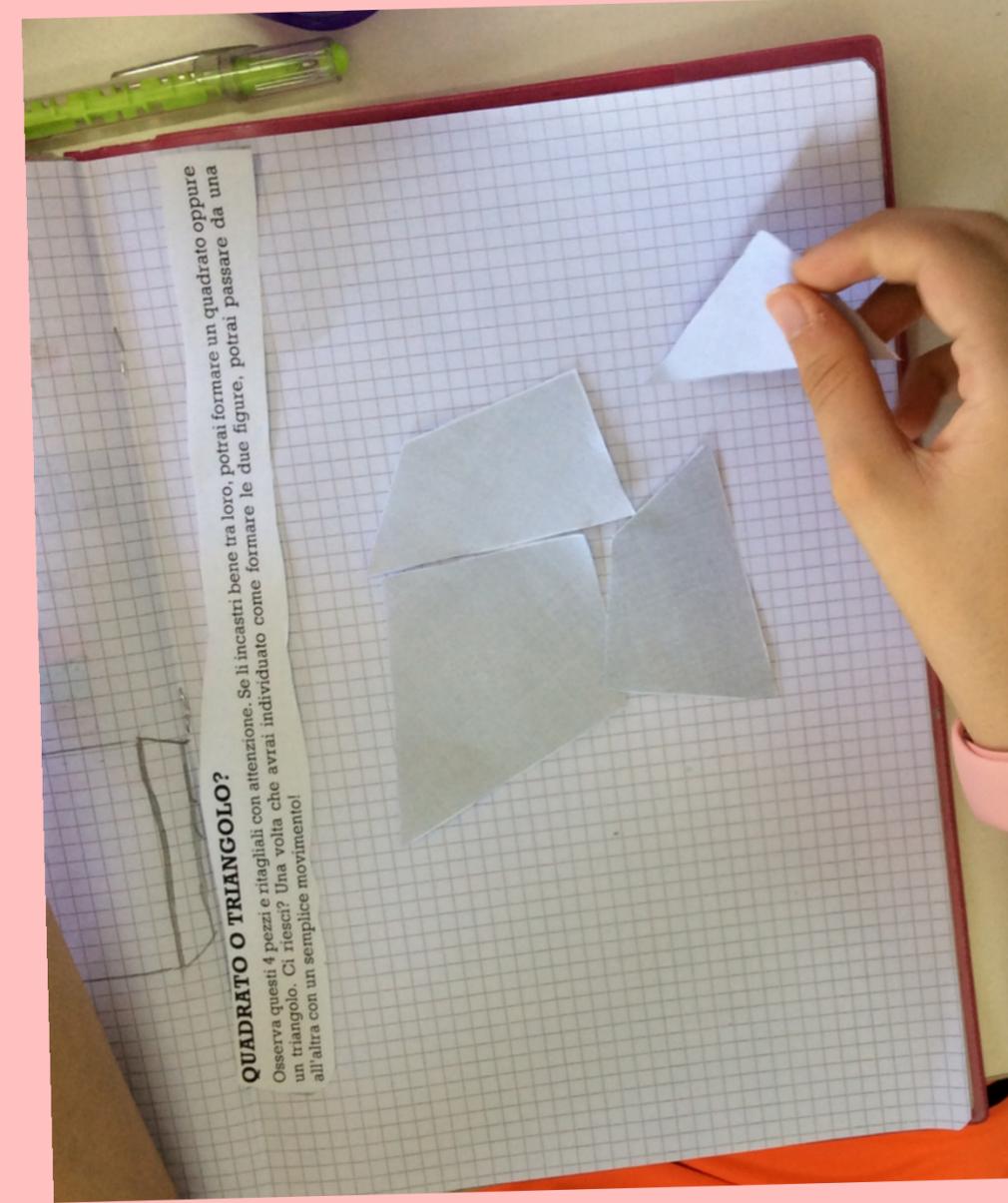
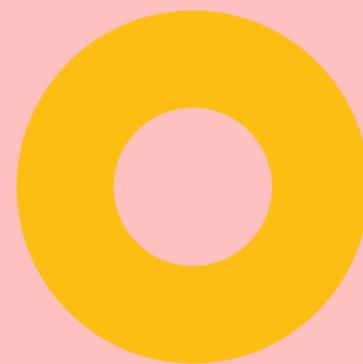
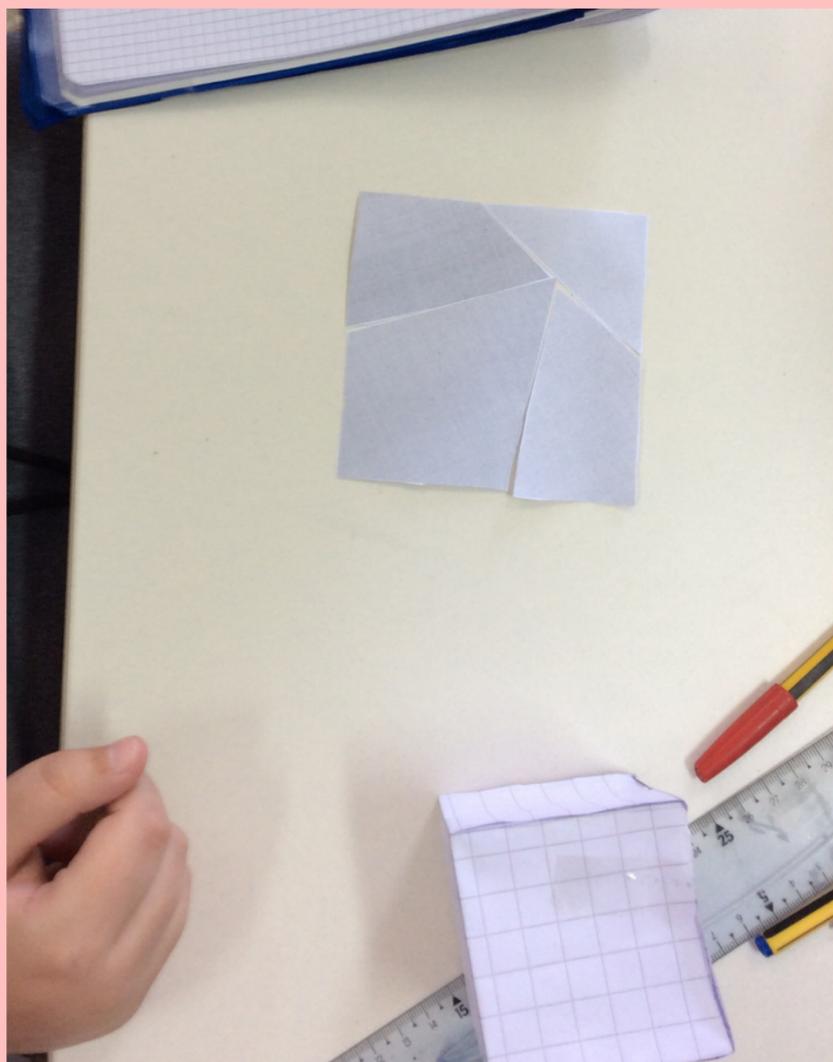
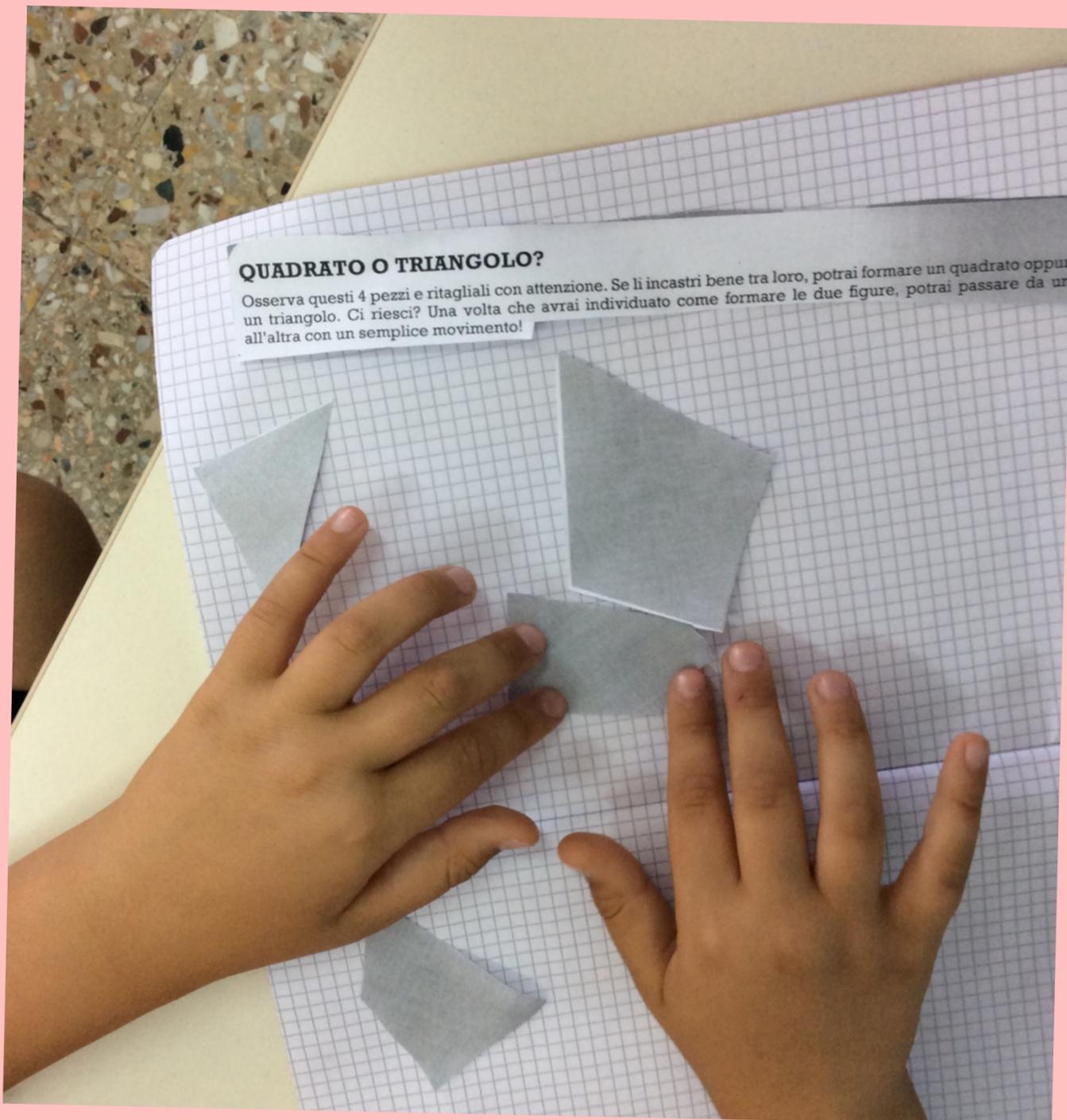
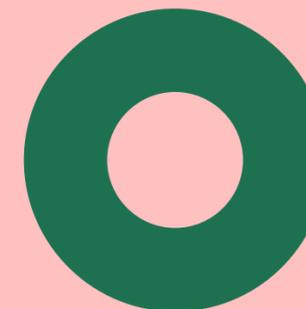


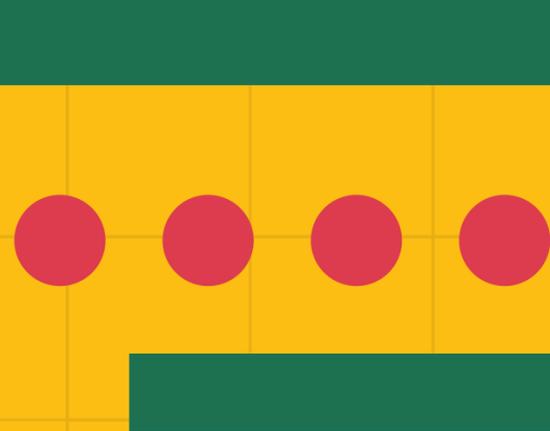
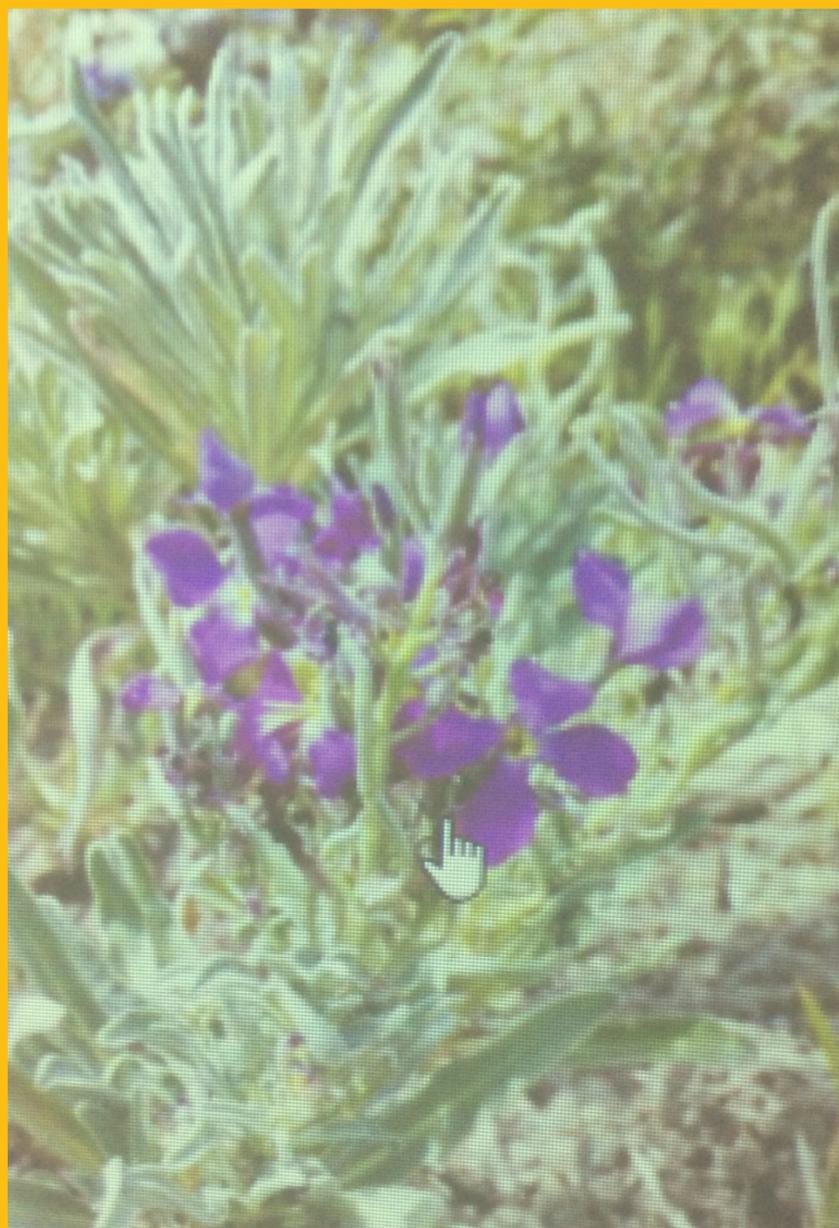












E adesso...
Buone vacanze !