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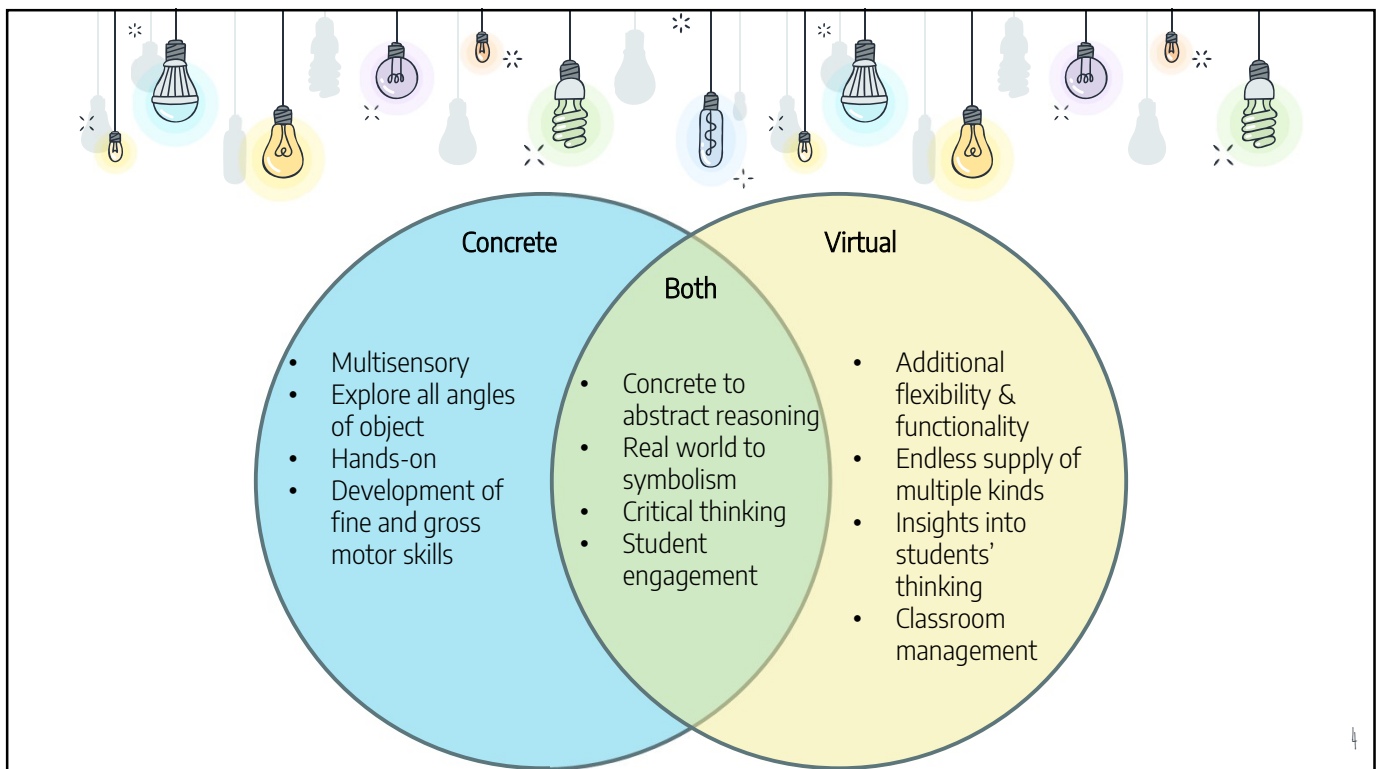
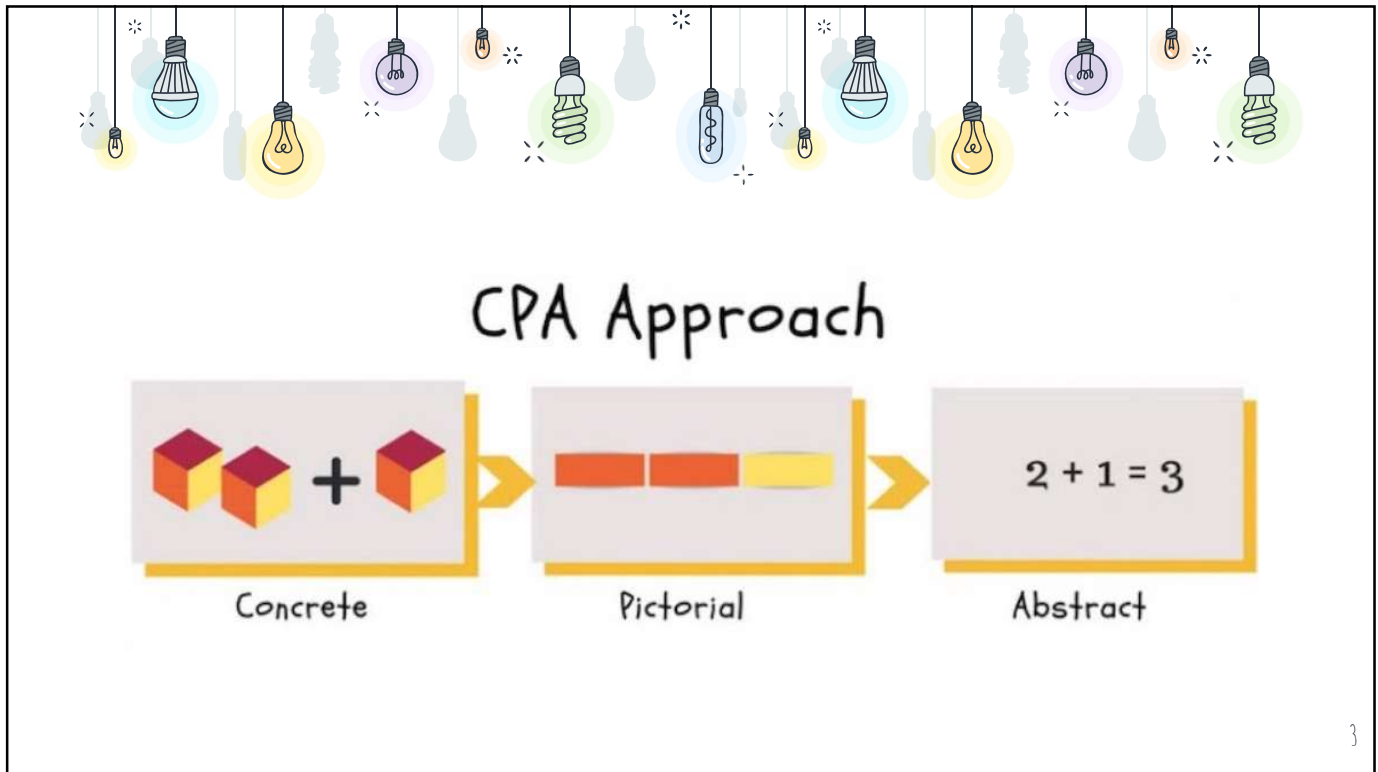
# SHAPE SOLVING FUN WITH VIRTUAL TANGRAMS

Activities for Students Ages 6 to 8  
Susan Brooks-Young

## \* OBJECTIVES

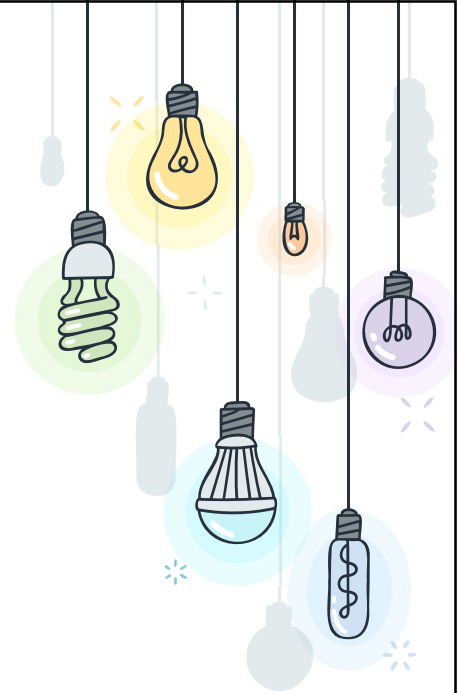
Students will work collaboratively with classmates using virtual tans to:

- + Make geometric shapes using one or more virtual tans.
- + Complete tangram patterns with and without interior lines.
- + Share observations about how geometric shapes are used to create different patterns.

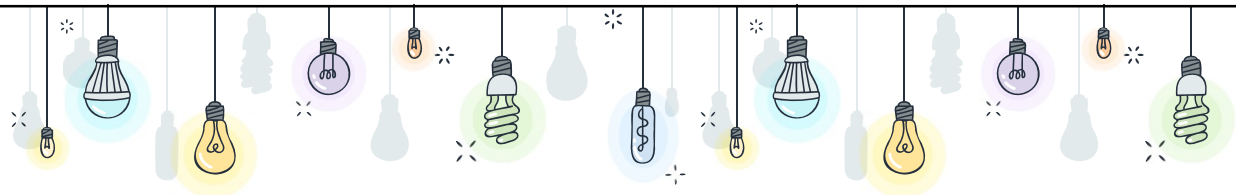


## \* A FEW STRATEGIES FOR USING VIRTUAL MANIPULATIVES

- + Teacher demonstration tool
- + Help students explain their thinking
- + Create a virtual learning center
- + Possible home/school connection
- + Computation Thinking connection—  
Decomposition



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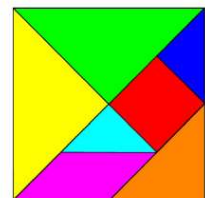
### **Little Learners BIG Ideas: Applying ISTE Standards to Early Childhood Education STEM, Virtual Tangram Activity**

**Working with a partner or two, choose the activities you'd like to try. Enjoy!**

#### **Virtual Tangram**

The templates for activities two and three are on your table.

1. Make a square using 1, 2, 3, 4, and 5 virtual tans. Extension: Create triangles and parallelograms using virtual tans.
2. Complete a pattern using a template with outline and interior lines.
3. Complete a pattern using a template with outline only.
4. Using the virtual tans, create a pattern of your own. Take a screenshot and send it to [sjbrooksyoun@gmail.com](mailto:sjbrooksyoun@gmail.com).



Return to [ISTE 2024 agendas](#).

<https://bit.ly/2024ISTE>

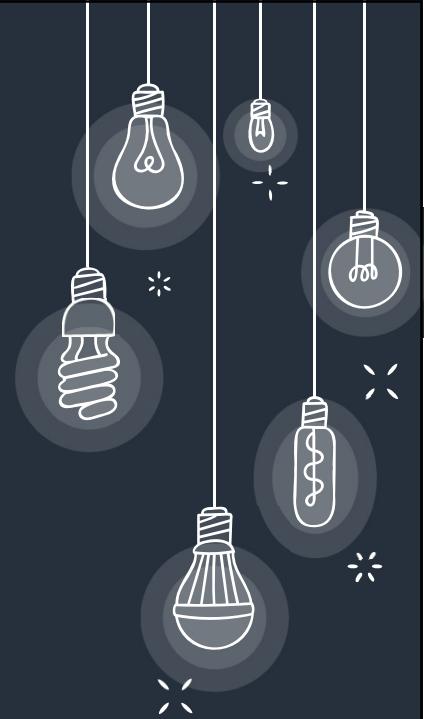
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# THANKS!

Any questions?

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