Pipettapalooza

Monday Sept 16 2019

the lineup:

'n ginz

Boyz n the culture hood

Well, Battleship

Pointless Pointillism

The Connect 4

The Connect 4

The Connect 4

The Connect 4

Eagle Eye Estimator

The Implements

The Implements

www.cleaverscientific.com

thecrisprsociety.com

www.tequipment.net/

www.carlroth.com

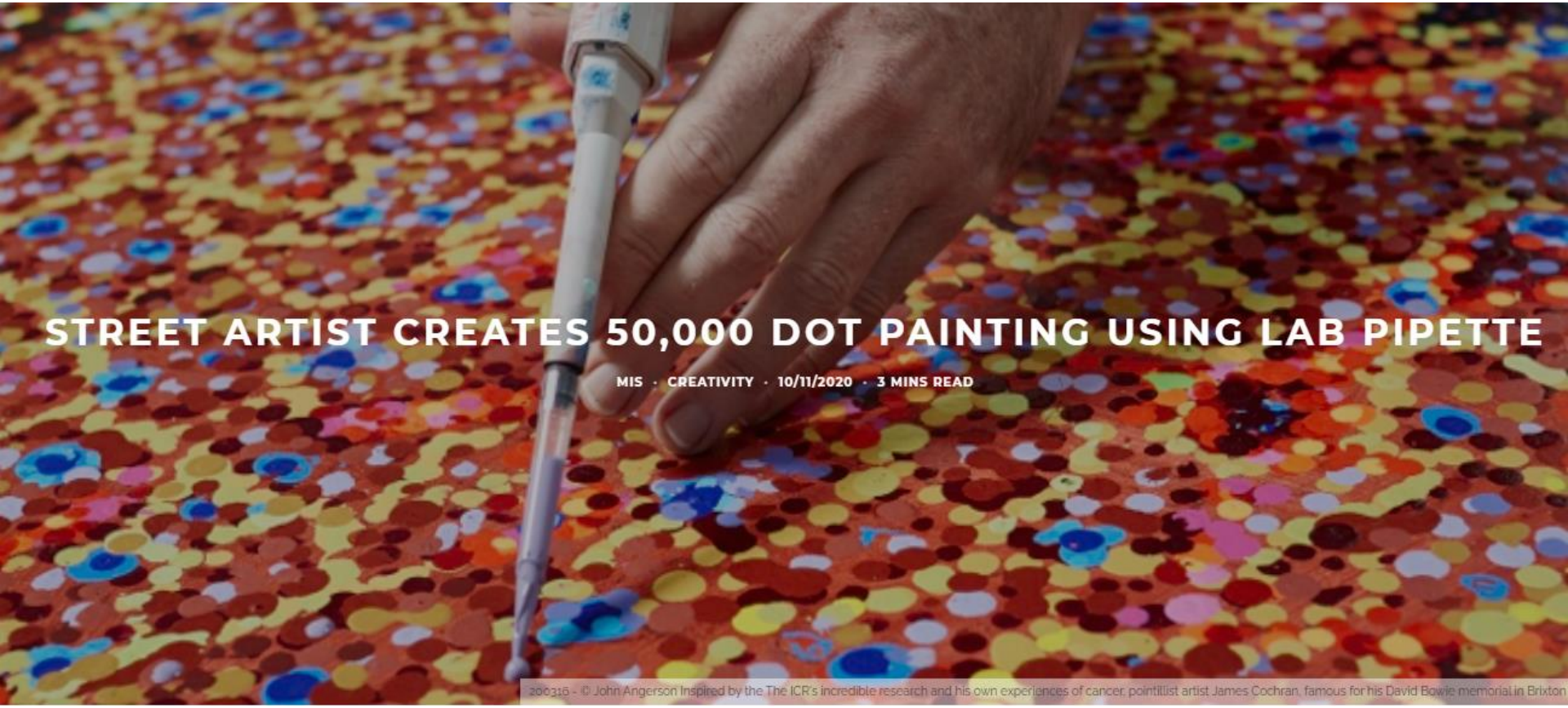
Pointless Pointillism

Pointillism is a technique of painting in which small, distinct dots of color are applied in patterns to form an image. Georges Seurat and Paul Signac developed the technique in 1886.

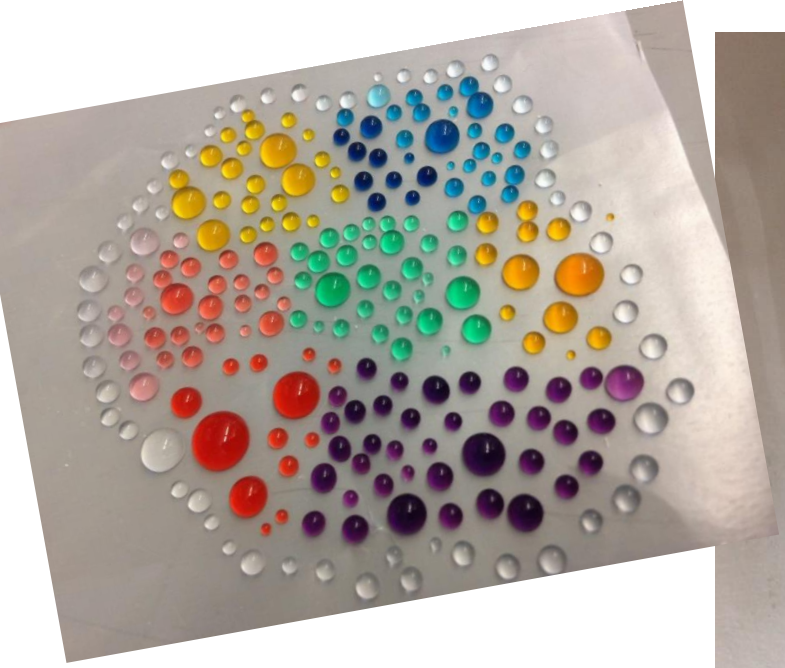
Seurat's "*Sunday afternoon on the Island of La Grande Jatte"* took <u>two years</u> to complete!

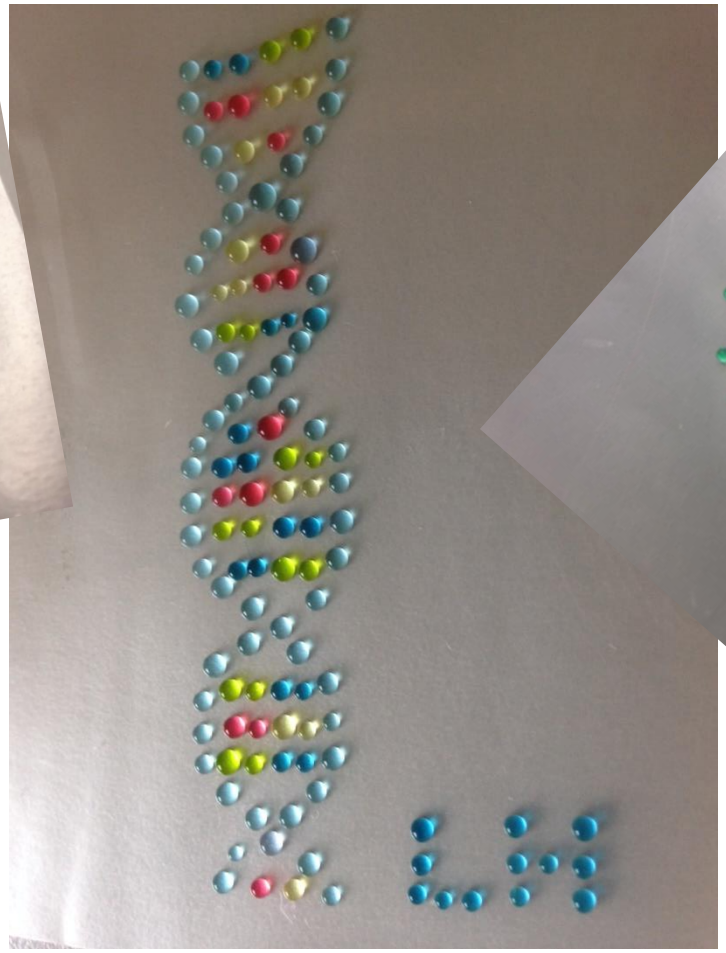
<u>How to create your own Pipette-pointillism masterpiece!</u>

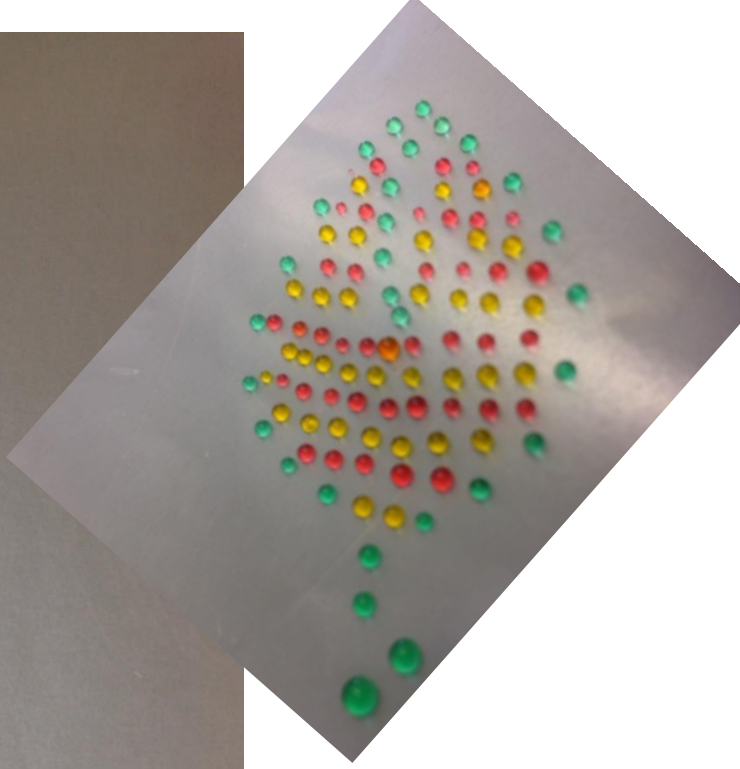
- Grab a stencil or be creative in your design.
- Place piece of parafilm over your stencil/work area
- Use a new tip with for each color.
- Practice making dots of various sizes/volumes.
- Practice good tube and pipette handling.
- Concentrate on bead-size consistency.

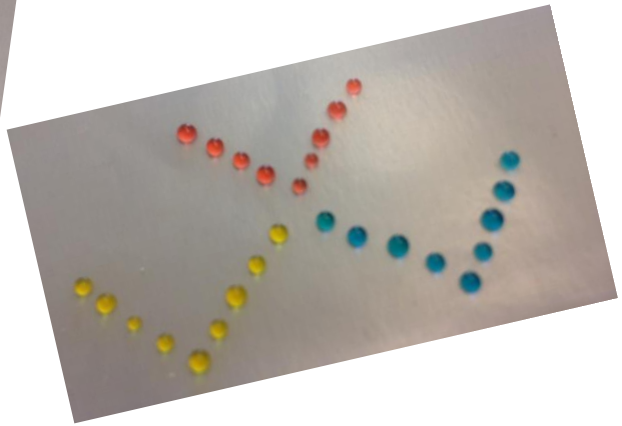


https://madeinshoreditch.co.uk/2020/11/10/street-artist-creates-50000-dot-painting-using-lab-pipette/

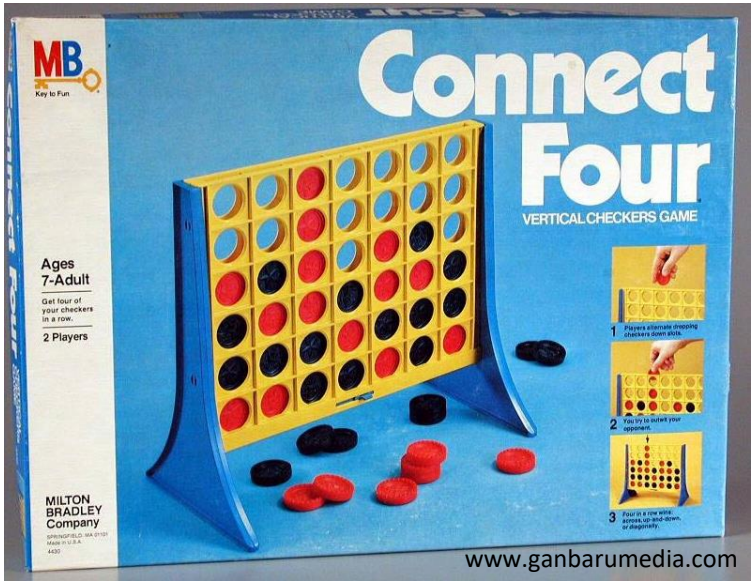








The Connect 4



Make 1.5 mL of each “chip”

- 1:3 dilution for Red
- 1:5 dilution for Blue

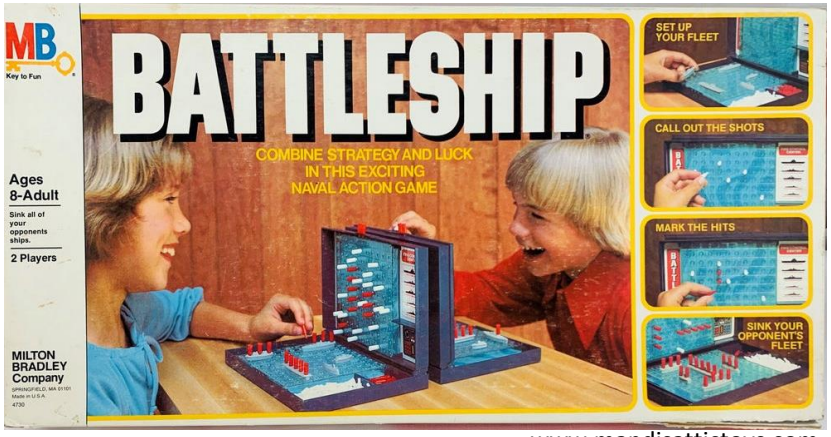
Dilution	Dye (mL)	Water (mL)	Total working stock (mL)
1:3	0.5	1.0	1.5
1:5	0.3	1.2	1.5

- Add 50 µL of your solution to mark each well.
- Vacuum out the wells when the game is over for a rematch!

Adapted from… www.wellplate.com/well-plate-format/

Well, Battleship

(Battleship in a 96-well plate)



www.mandisatictoys.com

- ❑Label a 1.5 mL Eppendorf tube with your initials.
- ❑Combine the stock colors in any ratio you choose to create a 1 mL solution of a unique color all your own.
- ❑Record the recipe for your color and your color's name on your entry card.
- ❑Choose 4 wells where you think Dr. Ayoob's ships are hiding. Mark them each with 100 uL of your color.
- ❑List the coordinates of the wells you marked on your recipe card.

Name: _____

Color name:

_____

Well Coordinates :

1. _____
2. _____
3. _____
4. _____

Name: _____

Color name:

_____

Well Coordinates :

1. _____
2. _____
3. _____
4. _____

Name: _____

Color name:

_____

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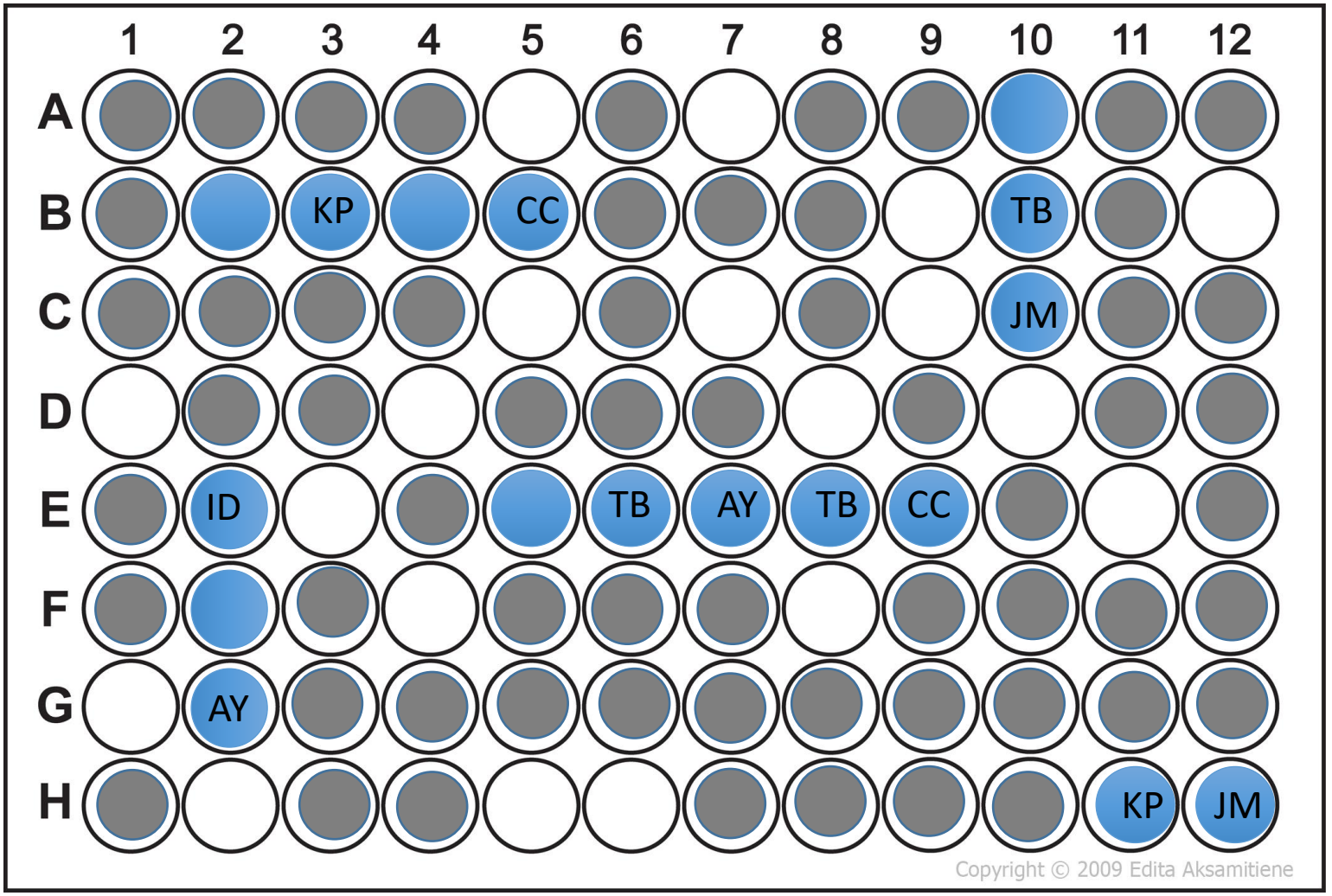

Locations of Dr. Ayoob's ships

JA Hit on Dr. Ayoob's ship by (initials of student)

Location of unsuccessful guesses

Eagle Eye Estimator

1. Visually examine the dots on the parafilm sheet or weighing boat set up by an instructor.

2. Formulate an estimate of the volume of each dot.

3. Pipette your estimated volume of colored liquid next to each dot and observe any differences.

'n girlz
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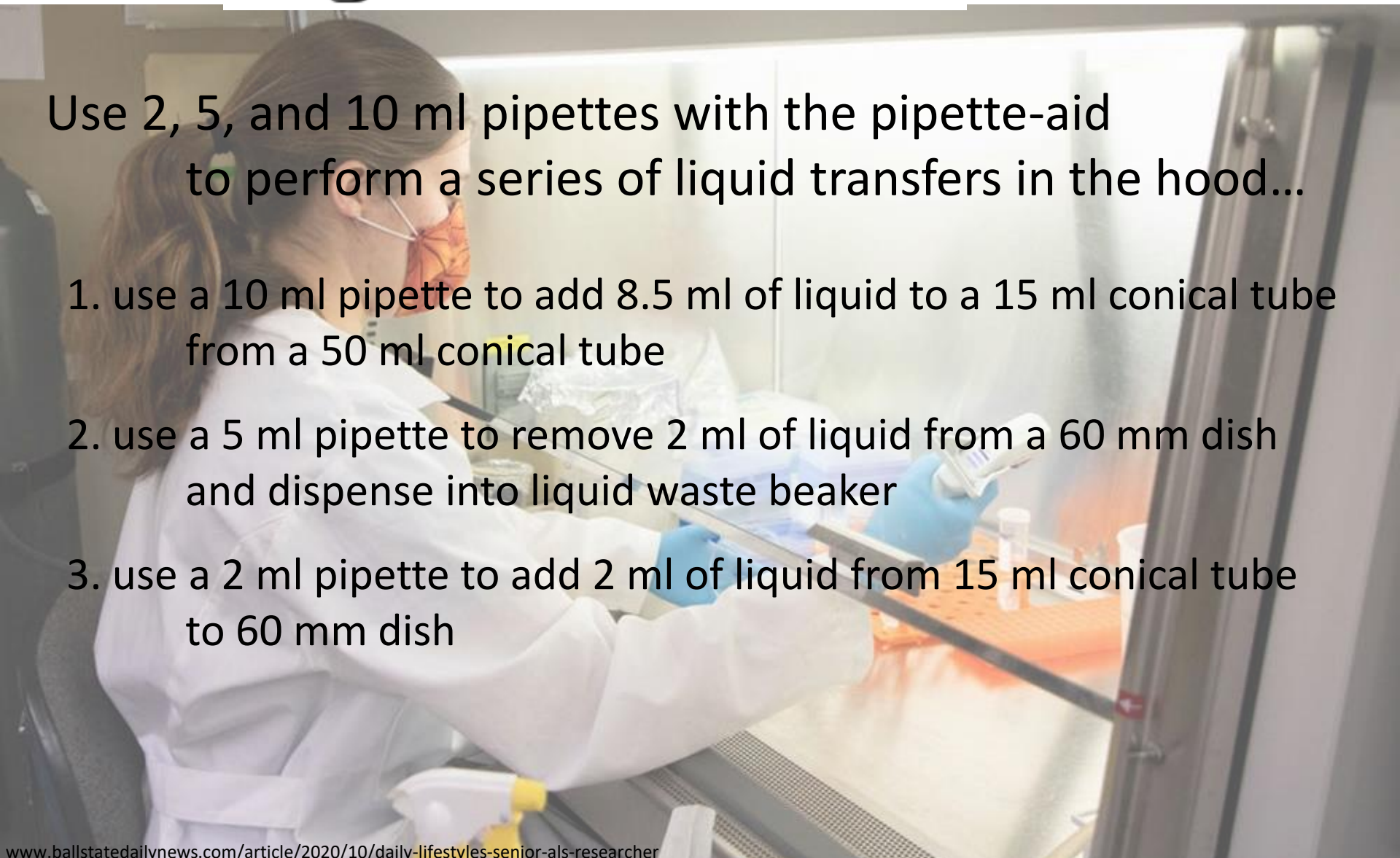

Use 2, 5, and 10 ml pipettes with the pipette-aid to perform a series of liquid transfers in the hood…

1. use a 10 ml pipette to add 8.5 ml of liquid to a 15 ml conical tube from a 50 ml conical tube
2. use a 5 ml pipette to remove 2 ml of liquid from a 60 mm dish and dispense into liquid waste beaker
3. use a 2 ml pipette to add 2 ml of liquid from 15 ml conical tube to 60 mm dish

www.ballstatedailynews.com/article/2020/10/daily-lifestyles-senior-als-researcher