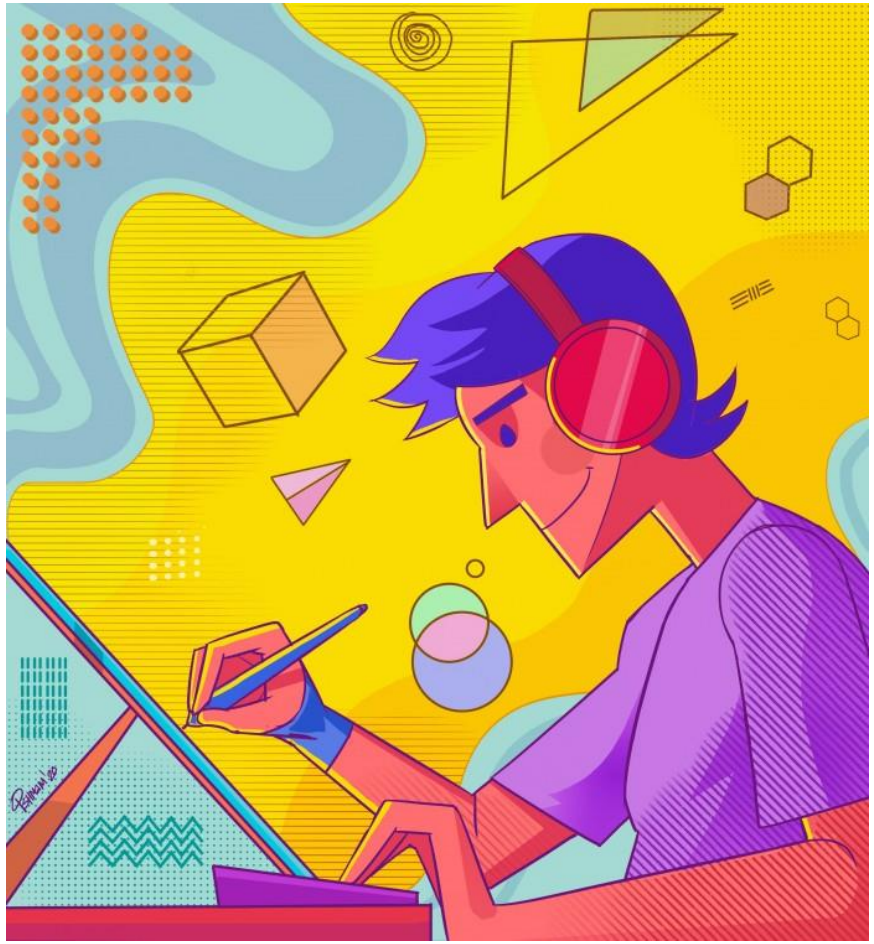
Plot Graphic Organizer



Step 1.

Randomly Select 10 Problems

Copy/Paste them onto the next 2 slides.

1 Teens Wasting Energy at Homes	5 Fertilizer Runoff from farms pollutes water	9 Pesticides harm wildlife	13 Food goes bad before it is eaten.	17 Increasing energy use due to streaming video.	21 Invasive species travel on fruits and veggies.
2 Driving places instead of using public transit	6 Bio-accumulation of toxins harm animals	10 Textile waste due to throw-away fashion	14 Computers are built around planned obsolescence.	18 Increasing energy use due to cloud computing.	22 Wetlands are being drained for houses
3 Deforestation due to Home Construction	7 Teenagers wasting water in homes	11 Build up of waste Great Pacific Garbage Patch	15 Too much concrete in cities.	19 Plastic isn't bio-degradable.	23 Juice Boxes can't be recycled.
4 Habitat Loss Due to Urban Sprawl	8 Marine Plastics killing sea birds	12 People throw away e-waste in regular garbage	16 Green lawns require large amounts of water.	20 PPE waste was generated by the pandemic.	24 Batteries in electronic devices are toxic.

Step 2.

Rank your 10 items in order by how easy it would be to solve the problem.

There can be no ties – one item per place.
Don’t bother waffling too much, just pick.

1	2	3	4	5	6	7	8	9	10
Hard									Easy

Step 3.

Rank your 10 items in order by interesting you find each problem.

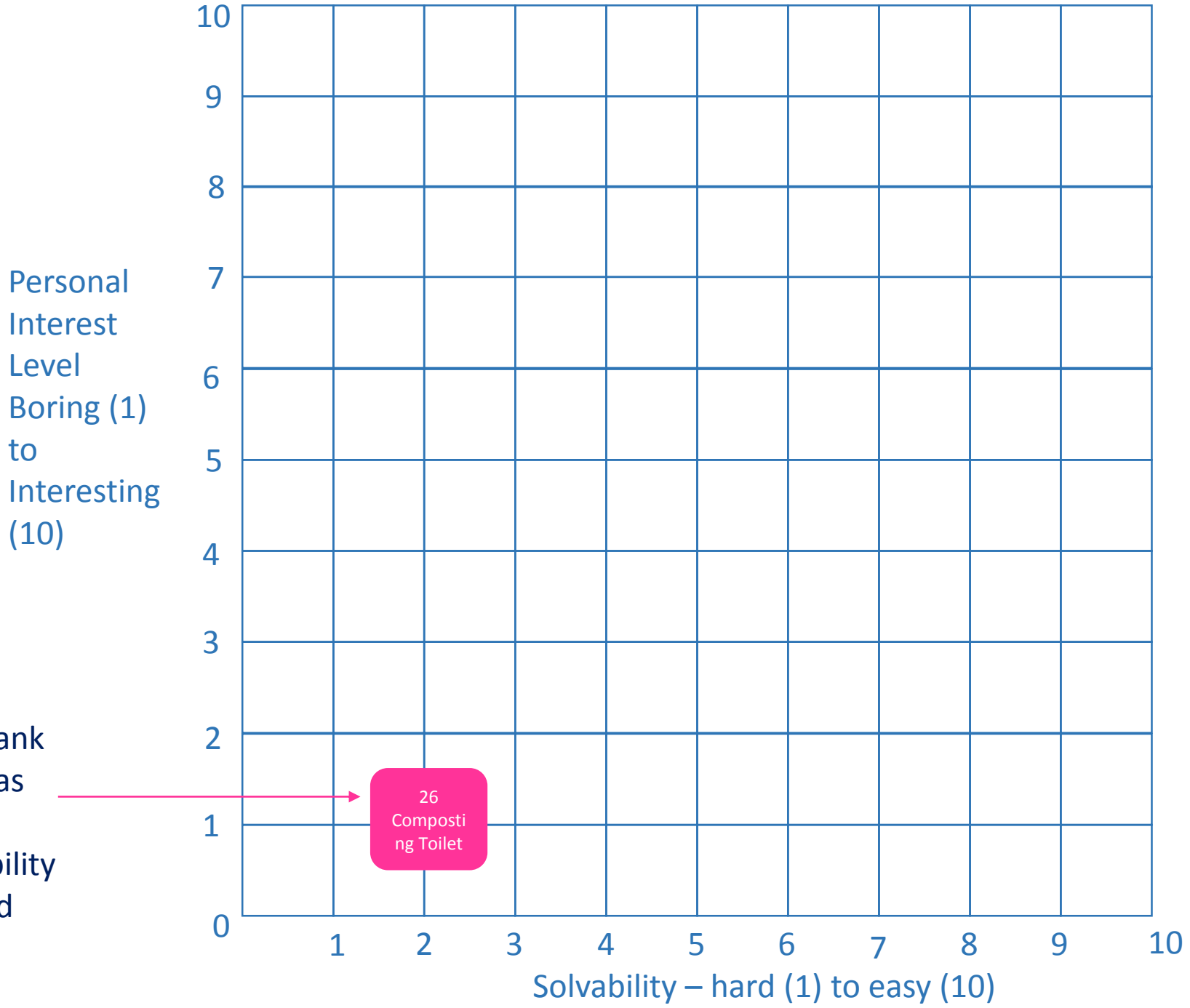
There still can be no ties – one item per place.
Again, don't bother waffling too much, just pick.

1	2	3	4	5	6	7	8	9	10
Boring									Interesting

Step 4

Fill in the **Plot Graphic Organizer**.

For each item, find the interest level and the solvability. Paste the item where they intersect.



For example, you rank Composting Toilet as an interest of 1 (boring) and solvability of 2 (hard). It would appear as shown.

Step 5

Add an entry to the brainstorming section of your portfolio.

Plot Graphic Organizer – Wednesday Jan 12

[Screen snapshot of matrix]

[Analyse Point-Detail-Analysis style paragraph]

- An example point: This matrix suggests that _____ would be a good topic for me because _____.
- Another example point: This matrix suggests that _____ would be a terrible topic for me because _____.
- Yet another example point: This matrix suggests that _____ would be a good topic for me but it is wrong because _____.