BAPHL15 Solution: Time Cube

Author: Paul Hlebowitsh

The first step is to fit the four 6-square shapes into the grid above, matching the circles to the circles in the grid.

Once you've done so, you can read the following message, by reading each shape left to right, top to bottom.

1: FOLDAN

2: DMATCH

3: HOURGL

4: ASSEYE

Or FOLD AND MATCH HOURGLASS EYE

The remaining letters in the grid spell IGNORE CLOCKS

If you fold each 6-square shape into a cube and match the eyes on the hourglasses, you'll make a 2x2 grid of cubes.

Now we use the arrows. There is one unique path that follows all of the arrows, circling around the combined shape, ignoring all pieces with clocks, and switching direction when it reaches another arrow. Taking the letters on this path, it spells MOLTEN LEAD, which is the answer.