Day 3: Jesus' power helps us be bold!

"He gives power to the weak and strength to the powerless" Isaiah 40:29

Even though they didn't have money to give to the crippled man begging at the temple gate, Peter and John did have tremendous faith and the power given to them by God through that faith. In Jesus' name Peter healed the man, who then leapt up and went with them walking and jumping into the temple and praising God. Everyone was amazed but Peter and John taught the people that only through Jesus was such power possible.

Can you imagine an ink drawing lifting up off a dish and dancing around just like the crippled man from the temple gate? Have a little faith and see for yourself!

How to make floating dry erase figures

You need:
    dry erase markers
    shallow glass dish
     (or other smooth,
      non-porous dish)
    water

1. Draw a few stick figures on the glass dish with thick lines – make sure to connect all the lines for each figure and do not press down too hard on the pen.
2. Slowly pour water into the dish along one side so that the water approaches the stick figures from the edges (this allows the water to get under the images).
3. Watch as the figures peel off the glass and float around!
4. *Have more fun*: get creative and draw all sorts of images to float on the water – just make sure to start with a dry glass dish and connect all the lines so that pieces don't float away from each other!

What's the science behind our floating dry erase figures?

While permanent indelible markers (like Sharpies®), rely on inks with a strong adhesive to stick to almost any surface you write on, dry erase markers use inks with a minimal adhesive, so the ink can be easily wiped away. This is why the ink can peel off the glass when disturbed by the water. However, like most inks, dry erase ink is still water insoluble meaning it doesn't dissolve in water. This allows your figures to remain intact and not wash away. What's more, the ink is less dense than water allowing the loosened ink figures to float around the dish.