

# Medieval Nanotechnologists

---

- For hundreds of years, artists have used nanosized particles of silver and gold to create colored pieces of stained glass.
- Because of their small size, the nanoparticles behave differently than the metals we see in jewelry or coins.
- Color is one way nanoparticles behave differently. Depending on the size of the particles, nanogold can appear orange, purple, green or red, while nanosilver can appear yellow, red or blue.

Red nanostained glass contains gold.  
Yellow nanostained glass contains silver.



# Medieval Nanotechnologists

---

- For hundreds of years, artists have used nanosized particles of silver and gold to create colored pieces of stained glass.
- Because of their small size, the nanoparticles behave differently than the metals we see in jewelry or coins.
- Color is one way nanoparticles behave differently. Depending on the size of the particles, nanogold can appear orange, purple, green or red, while nanosilver can appear yellow, red or blue.

Red nanostained glass contains gold.  
Yellow nanostained glass contains silver.



# Medieval Nanotechnologists

---

- For hundreds of years, artists have used nanosized particles of silver and gold to create colored pieces of stained glass.
- Because of their small size, the nanoparticles behave differently than the metals we see in jewelry or coins.
- Color is one way nanoparticles behave differently. Depending on the size of the particles, nanogold can appear orange, purple, green or red, while nanosilver can appear yellow, red or blue.

Red nanostained glass contains gold.  
Yellow nanostained glass contains silver.



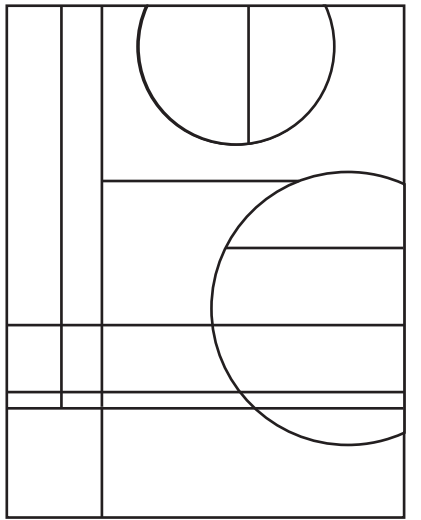
# Medieval Nanotechnologists

---

- For hundreds of years, artists have used nanosized particles of silver and gold to create colored pieces of stained glass.
- Because of their small size, the nanoparticles behave differently than the metals we see in jewelry or coins.
- Color is one way nanoparticles behave differently. Depending on the size of the particles, nanogold can appear orange, purple, green or red, while nanosilver can appear yellow, red or blue.

Red nanostained glass contains gold.  
Yellow nanostained glass contains silver.

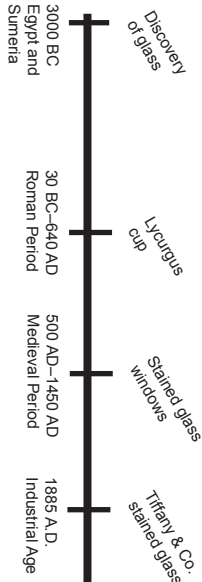




→ This is an example of a "Prairie Style" stained glass pattern. What colors can nanogold or nanosilver be? Color in the pattern with nano colors.

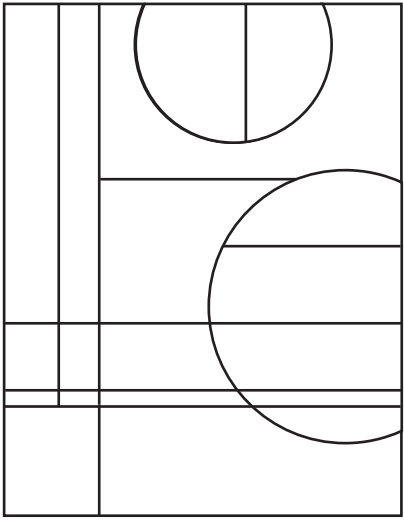
Nano-gold/silver in PVA

Today's date



### The history of stained glass

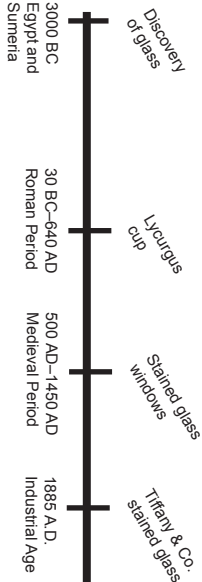
DO NOT TAKE NANOGOLD/SILVER OUT OF PROTECTIVE LAMINATE OR HANDLE WITHOUT GLOVES



→ This is an example of a "Prairie Style" stained glass pattern. What colors can nanogold or nanosilver be? Color in the pattern with nano colors.

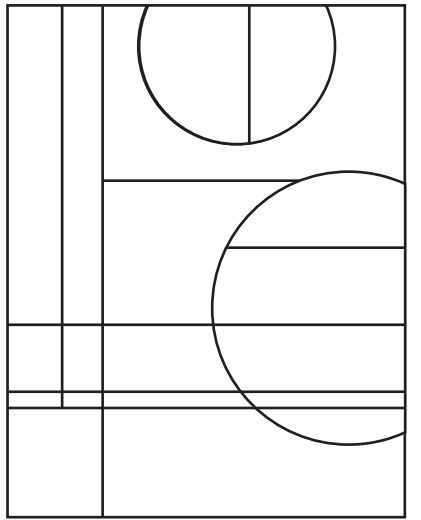
Nano-gold/silver in PVA

Today's date



### The history of stained glass

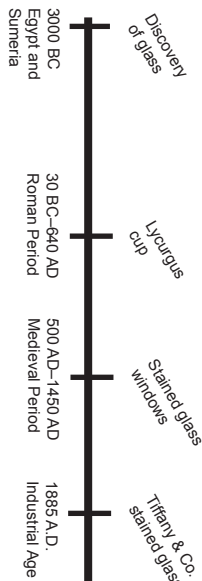
DO NOT TAKE NANOGOLD/SILVER OUT OF PROTECTIVE LAMINATE OR HANDLE WITHOUT GLOVES



→ This is an example of a "Prairie Style" stained glass pattern. What colors can nanogold or nanosilver be? Color in the pattern with nano colors.

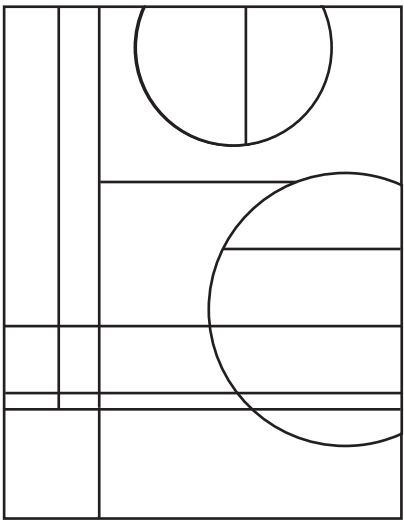
Nano-gold/silver in PVA

Today's date



### The history of stained glass

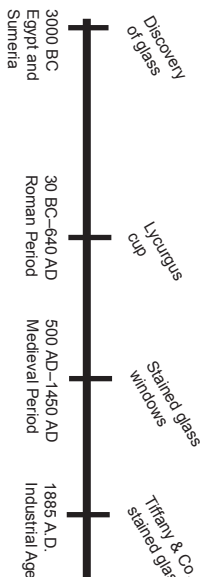
DO NOT TAKE NANOGOLD/SILVER OUT OF PROTECTIVE LAMINATE OR HANDLE WITHOUT GLOVES



→ This is an example of a "Prairie Style" stained glass pattern. What colors can nanogold or nanosilver be? Color in the pattern with nano colors.

Nano-gold/silver in PVA

Today's date



### The history of stained glass

DO NOT TAKE NANOGOLD/SILVER OUT OF PROTECTIVE LAMINATE OR HANDLE WITHOUT GLOVES