AAAE FDEE A

Agents deterination are actors that can damage r destiny works art. By learning about them, we can ame up with ways to reasonise and show down damage as well as treat damage that has already happened. Light is an agent deterination. It's a tricky ne, because we need light to see a work art, but light can also damage certain bjects! So me artworks, like photographs and water for urs are very sensitive to light, while there like stone sculptures aren't very sensitive.

W a . . . ?

Light is a type—electromagnetic radiation that our eye can see. Light can come from the sun, fire and human-made light bulbs. There are ther types—radiation at different wavelengths like ultraviolet and in ared that come from these same sources and damage artworks. However, we can't see these types—radiation.

H_{i} , I \mathbf{a} , i i i ?

We call the amount polight palling part as a surpace "illuminance" part "lux level" parts bart. Total darkness is 0 lux, while pull sun is 100,000 lux. In and art museum like Agnes Ethering parts and the contretion of the sun is 100,000 lux. In and art museum like Agnes Ethering parts and the contretion of the contre

$H_{i} = \{ 1, 1, 1, \dots, 1, 2, 2, 3 \}$ at $\{ 1, 2, 1, 2, \dots, 1, 2, 2, 3 \}$

There are many ways art anservators and museum stage can minimize light damage. The simplest is to reduce the amount of light alling on a surface (lux) and the amount of time an artwork is exposed to light. We do this by keeping artworks in the dark when they're not on display, and when they are on display, keeping the light in the galleries dim and making sure we have wind we treatments like of lar screens, blinds and curtains.

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Want to learn more about how light a pects different types of bjects? Check out the Canadian Conservation Institute's Light Damage Calculator.

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wer by anducting an experiment! w stang light a _fects an artworkan paperaver time.

the artwork *Lychnis and Larkspur* by Daniel Fowler (page 3). Fillout a condition report be "excellent" as it's a preshly printed image.

v sunny spot in your house, like a window ledge. Gover the let side of the image sun doesn't reach this side. Keep the right side of the image ungovered so it in the sunny spot and don't move it. You'll check back in a month.

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Science Rendez vous12023



Works on Paper CONDITION REPORT #____

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Condition Overview

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