

Creation Research in Digital Painting

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Pros

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Digital Painting

drawing board and the corresponding

Simple tools, general an electric

Creation quickly and modification

Digital drawings could be preserved,

Complicated digital image process and

Trained digital painting is not

selective and well-familiar.

Electricity is necessary.

necessarily to be able to transfer to

Digital painting software needs to be

transmitted, duplicated, and reappeared.

digital pen.

effect is possible.

handed painting.

easily.

Educational Research & Innovation (ERI 2022)

II. Handed Painting vs. Digital Painting

Handed Painting

Hand-painting is quite intuitive for

Minimal required tools are cheap and

recognized to transfer to digital

Expensive for special tools, pigments

For beginning learners, there are a

Difficult preservation of works, such

the basics and beginners.

Trained handed painting is

and consumables, etc.,

readily available.

painting easily.

long trip.

I. Introduction

- From 2019, due to the impact of covid-19 pneumonia, the convenience brought by the Internet age has made distance teaching and learning frequently, which just fits the form of digital creation.
- Additional implementation classes of art education on internet needs to proposed in Pedagogy including
- > Students could create the art works on the Internet, observe, discuss, and modify their works.
- > Record the whole process
- > Put the draft, modifying, final and revised works into picture albums
- Convert the achievement to the public or commercial demonstration.

III. Elements

The difference between handed painting and digital painting is found in the use of media and rendering techniques including several elements: rendering, brushes, layers, aspect ratio and color effects.

IV. Practical examples of digital painting



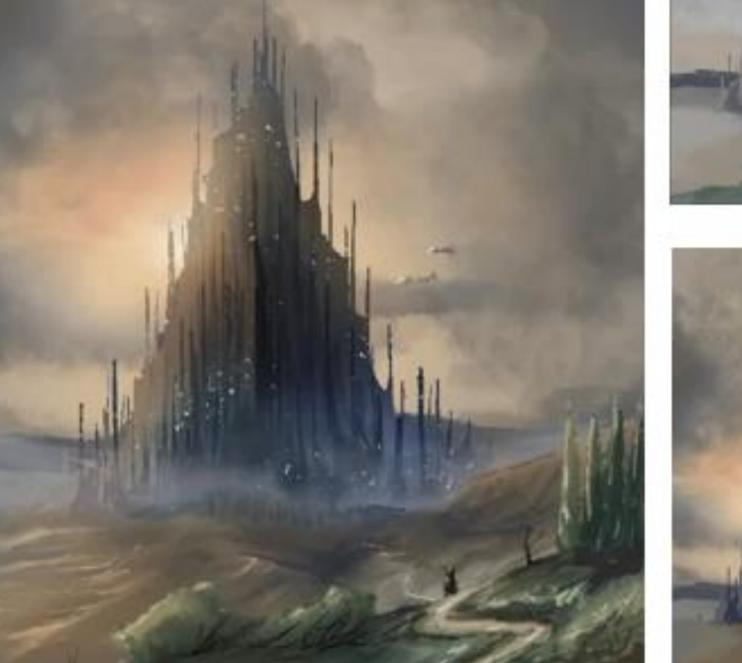


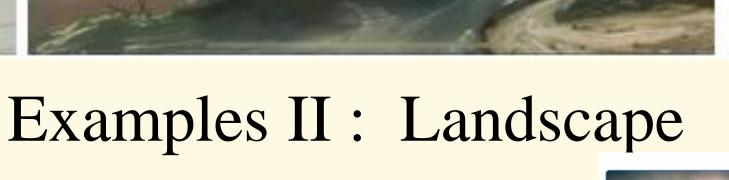


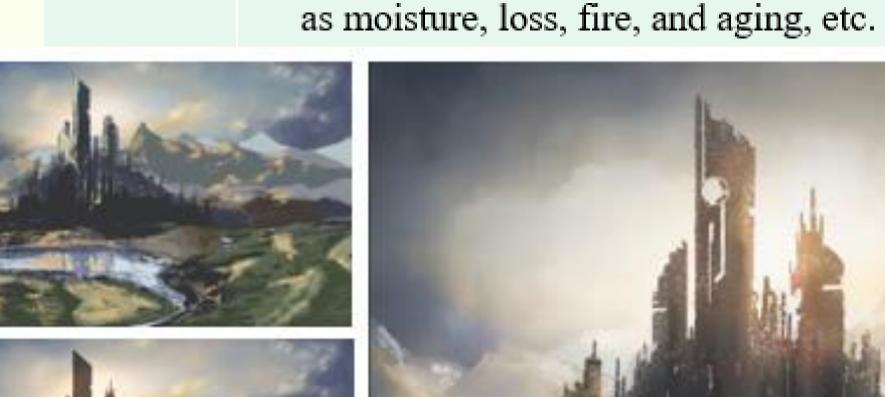


Examples I : Character



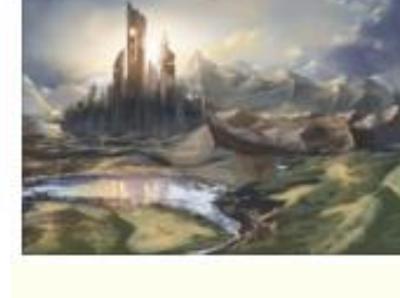






Cons













Examples III: Light effect





Examples IV: Object adding

V. Community and Gallery Platform

Connections of the internet and popular community could make the exchange of opinions more convenient and soon. Students and artists would get feedback and corrections faster. The platform would make the artworks modify quickly and accomplish maturely.





VI. Conclusions

- Works in digital painting are easy to create, replicate, edit, modify, and save in digital system.
- Digital painting is easy to communicate and publish online.
- It is better to learn digital painting directly than to transfer from handed painting to digital images.
- Characters, painting style, perspective, and composition design in digital painting are easier to change.