

COMPARE & CONTRAST

Hint: Watch the Digital Animation movie first!

Digital animation uses many of the same principles as traditional animation. For each traditional technique, describe the similarities and differences of the corresponding digital technique.

Traditional animators sketch a storyboard.



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Traditional animators work on a drafting table.

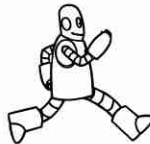


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Traditional animators draw a reusable background by hand.



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For each frame, traditional animators hand-draw multiple layers called cels.



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In traditional animation, slight changes from frame to frame create the illusion of movement.



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Traditional animators use a stop-motion camera to capture movement.



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ORDER OF EVENTS

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Place the following events into the correct sequence to describe how a BrainPOP movie is made.

- The animator draws a storyboard.
- Moby and Tim record their lines.
- Stacy emails Tim a really great question.
- Moby and Tim's recorded lines are synchronised with the moving images.
- Tim writes a script, with a little help from BrainPOP's writers.
- The animator uses Flash to create moving images.
- Tim researches the question in textbooks and on the Internet.
- Stacy logs onto BrainPOP.co.uk and watches the answer to her question.
- The finished movie is uploaded to the BrainPOP UK server.

FURTHER RESEARCH

So many of today's movies make use of computer-generated imagery (CGI) – and not just the animated ones! Find two examples of live action movies that use CGI for special effects, and describe the CGI scenes and/or characters that appear in each one.

MOVIE	CGI scene / character
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