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تدريب على أسئلة الاختبار لمادة التصميم و التكنولوجيا

الفصل الدراسي الثاني 2017 - 2018 / الصف الخامس (الوحدة 1 و 3)

يرجى حل الأسئلة بعد الانتهاء من مراجعة الكتاب مع التركيز على ال (Activities) و
الأسئلة في نهاية الوحدات

الوحدة الأولى

مختصر للوحدة / Unit Summary

- **Animation** is the process of giving the illusion of movement to drawings, models or non-living objects. Illusions happen when a person's eyes, ears or sense of touch are tricked in some way.
- **The five types of animations are** traditional animation, 2D vector-based animation, 3D computer animation, motion graphics and stop motion.
- **2D means** 'two dimensional'. Image is flat and not realistic.
- **3D means** 'three dimensional'. More than one face can be seen and looks realistic.
- **Traditional animation** is when a picture is drawn lots of times and then shown together. An illusion that the picture is moving is created.
- **2D vector-based animation** is the same as traditional animation, but is done on a computer instead to save time.
- **3D computer animation** is when a 3D character is made on the computer and is placed in different positions to make a movie.
- **Motion graphics** is used to make text and graphic look fun. It is used for logos and movie openings.
- **Stop motion is** using a camera to take pictures of objects in different positions, and once shown quickly, it creates an illusion.

SECTION 1 – Matching

Match the word to the picture. Write the matching letter in the correct box.
The first one has been done for you.

Question (1)

Terms

Animation	
2D	
3D	
Illusion	

Explanations

'Three dimensional'. More than one face can be seen and looks realistic.	A
When a person's eyes, ears, or sense of touch are tricked, in some way.	B
The process of giving the illusion of movement to drawings, models, or non-living objects	C
'Two dimensional'. Image is flat and not realistic.	D

Question (2)

Terms



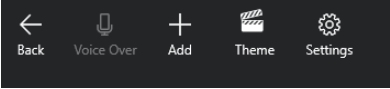
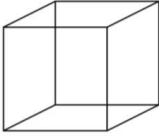
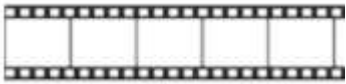
Traditional animation	
2D vector based animation	
3D computer animation	
Motion graphics	
Stop motion	

Explanations

Same as traditional animation, but done on a computer instead.	A
Used to make text and graphics look fun. It is used for logos and movie openings.	B
When a picture is drawn lots of times and shown together, an illusion that the picture is moving is created.	C
Uses a camera to take pictures of objects in different positions, and once shown quickly, it creates an illusion.	D
When a 3D character is made on the computer and is placed in different positions to make a movie.	E

Question (3)

Terms

Explanations

3D	A
Tools	B
Frames	C
Stop motion software	D
2D	E

Question (4)

Terms

3D computer animation	
Stop motion	
Tools	

Explanations

<ol style="list-style-type: none"> 1. Take a picture of an object 2. Move it a little bit and take another picture. Repeat this step 3. These pictures create the illusion of movement when shown quickly. 	A
Different options available in a software package	B
<ol style="list-style-type: none"> 1. A fun and catchy story is made 2. A story board is made 3. A 3D model is made of the character 4. Rigs' are made 5. The animation is put together and voices are added 	C

Question (5)

Terms

Traditional animation	
3D	
2D	
3D computer animation	
Rigs	
Story board	
Stop motion	
Motion graphics	
2D vector based animation	

Explanations

Image looks flat.	A
This method is cheap and easy to use.	B
Used for logos and movie openings	C
More than one face can be seen.	D
the older form of animation	E
The same as traditional animation, but using a camera instead of drawing	F
control the movements of each character	G
type of animation is used the most from all the animations	H
the story from beginning to end with pictures	I

SECTION 2 – Labelling

Question (1)

(A) Traditional animation	(B) Stop motion	(C) 2D vector based animation	(D) 3D computer animation	(E) Motion graphics
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Question (2)

(A) 3D computer animation?	(B) 2D vector based animation	(C) Traditional animation	(D) Types of Animation	(E) Motion graphics
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<p>It is the art of moving graphics or text in a fun way</p>	<hr/>
<p>It is like playing with puppets and making them carry out the movements you want</p>	<hr/>
<p>Pictures are drawn lots of times, doing different things</p>	<hr/>
<p>Each body part can be moved separately, so a picture doesn't need to be drawn lots of times.</p>	<hr/>
<ul style="list-style-type: none"> • traditional animation • 2D vector-based animation • 3D computer animation • motion graphics • stop motion 	<hr/>

SECTION 3 – Multiple Choice Questions

Choose and circle the correct answer for the images given below - A, B or C.

1. The global animation industry is a _____ industry

- A) multi-million-dirham
- B) multi-billion-dirham
- C) multi-trillion -dirham

2. 2D stand for _____

- A) Two dimensional
- B) Three dimensional
- C) Two direction

3. 3D stand for _____

- A) Two dimensional
- B) Three dimensional
- C) Three Documents

4. 2D has _____ face

- A) One
- B) Two
- C) More than one

5. 3D has _____ face

- A) One
- B) Two
- C) More than one

6. 3D images seem _____

- A) not realistic
- B) flat
- C) realistic

7. 2D images seem _____

- A) not realistic
- B) with more depth
- C) realistic

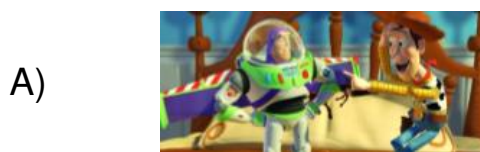
8. Very different to all other forms of animation and have no story or characters

- A) Traditional animation
- B) 2D vector based animation
- C) Motion graphics

9. You don't need to be good at drawing while creating _____ and _____

- A) 3D computer animation / 2D vector based animation
- B) 3D computer animation / Traditional animation
- C) 2D vector based animation / Traditional animation

10. 2D animation



11. Take a lot of time

- A) Stop motion
- B) 2D vector based animation
- C) Traditional animation

12. Stop motion is the same as traditional animation, but rather than drawing a _____ is used

- A) camera
- B) 3D character
- C) paper

13. What type of animation was the Dark Woods animation?

- A) 2D animation
- B) 3D animation
- C) Traditional animation

SECTION 1 – Matching

Match the word to the picture. Write the matching letter in the correct box.
The first one has been done for you

Question (1)

Terms





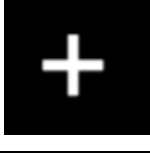
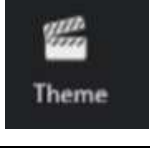
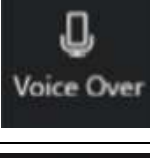

stop motion	
Voice-over	
Characters	
Frame	
theme	
picture gallery	

Explanations

Change the design and look of the movie	A
Software used to make animations.	B
a single picture on a film strip	C
a place where you store your pictures on your device	D
A person in an animation, book or film	E
voice recording to be placed on image	F

Question (2)

Terms

Explanations

back arrow	A
include your voice	B
add pictures and videos	C
theme	D
settings	E
play your animation	F
take a picture	G
set a timer	H

SECTION 3 – Multiple Choice Questions

Choose and circle the correct answer for the images given below - A, B or C.

1. Every single page in a flip book called a _____

- A) frame
- B) picture gallery
- C) picture

2. A single picture on a film strip is called a:

- A) gallery
- B) animation
- C) frame

3. How many frames per second do movies in the cinema use?

- A) 24
- B) 12
- C) 50

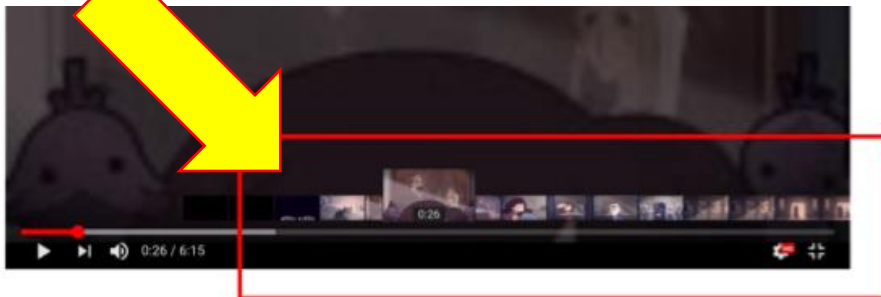
4. What is a picture gallery?

- A) A place to store music.
- B) A place to store pictures.
- C) A place to download movies.

5. While recording your video, your camera should:

- A) shake a lot
- B) not move
- C) be upside down

6. These are :



- A) pictures
- B) frames
- C) video picture

7. What type of animation was the Dark Woods animation?

- A) Stop motion animation
- B) 3D animation
- C) 2D animation