What is games development?



Activity 4

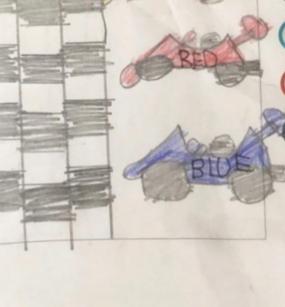




Let's think of some ideas for games we can make. Use the Super Mario example. Think of ideas for your new game.

What is the name of your game? Car Vacing

you drive cavincock Pit View through the endless traffic and realistic environment. Tilt your device to drag your car whereveryou want, overtake traffic, earn eoins and buyner cars.

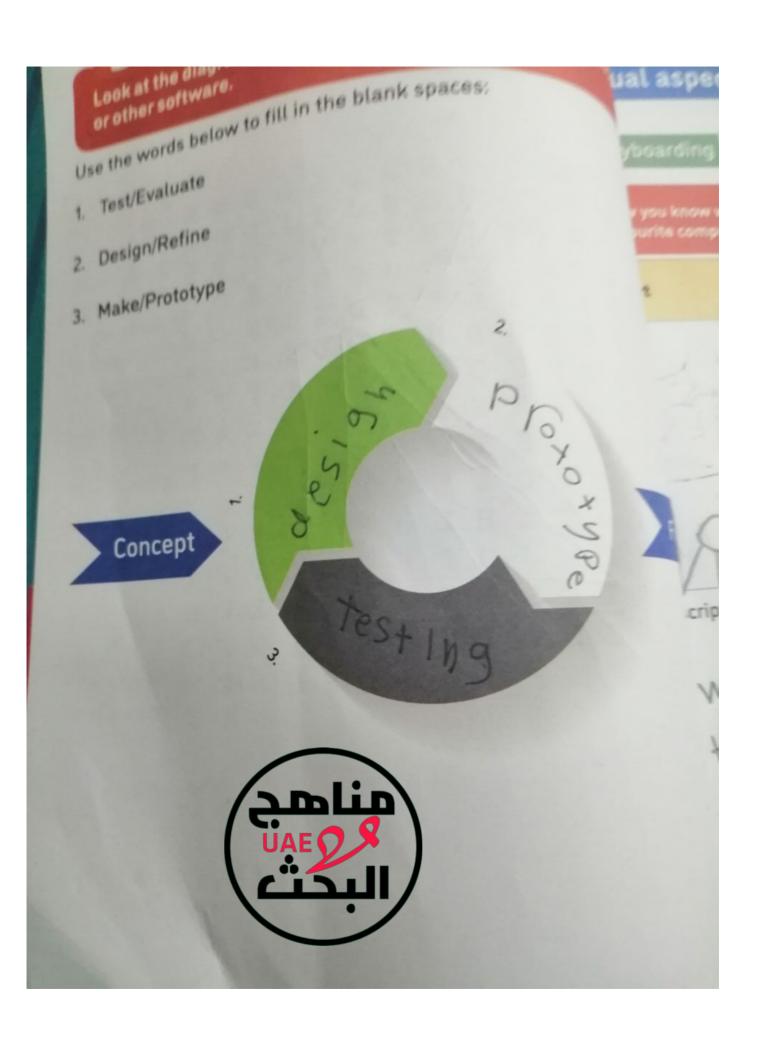




Drawing and sketching is an important part of STREAM education.



H.W Objects Jeep Various cars farari 5MC Jeeb. Rules Don't drive and race with speed move than 250 Km/m.



Storyboarding



Activity 10

End



Now you know what a storyboard looks like. Create a storyboard for your favourite computer game. Use the space below.

Middle

Start billd things self ALIVE

big house Food

First youwer allow to Fthings with Enderdragon In againgle Like: Simondson and your your bill in him bild. have to with Enderdragon and you heed to bild sheild. have to

Description:



Description:





Activity 8

maketa the word search. Use the words from Activity's

CJUCPDFUJQLADHX POBB TJD S/Y/Q KH UKKKJRTO WO XKOJTLH LH FF TILOLJ ERTE NMCW S J DO PDZFN



| Description | Mixed-up word | Word |
|---|---------------|----------|
| This is done to each electronic version of the game. It is to see if there are any mistakes and things to do to make it better. | Tgentsi | testin |
| This is where the rules, play sequence and characters are designed. | isgenD | Design |
| This is usually an electronic version of the game. | otyPpetro | pro toty |
| his is a word that also eans the idea for a game. | neocptC | con cert |

Storyboarding



Activity 10

End



Now you know what a storyboard looks like. Create a storyboard for your favourite computer game. Use the space below.

Middle

Start billd things self ALIVE

big house Food

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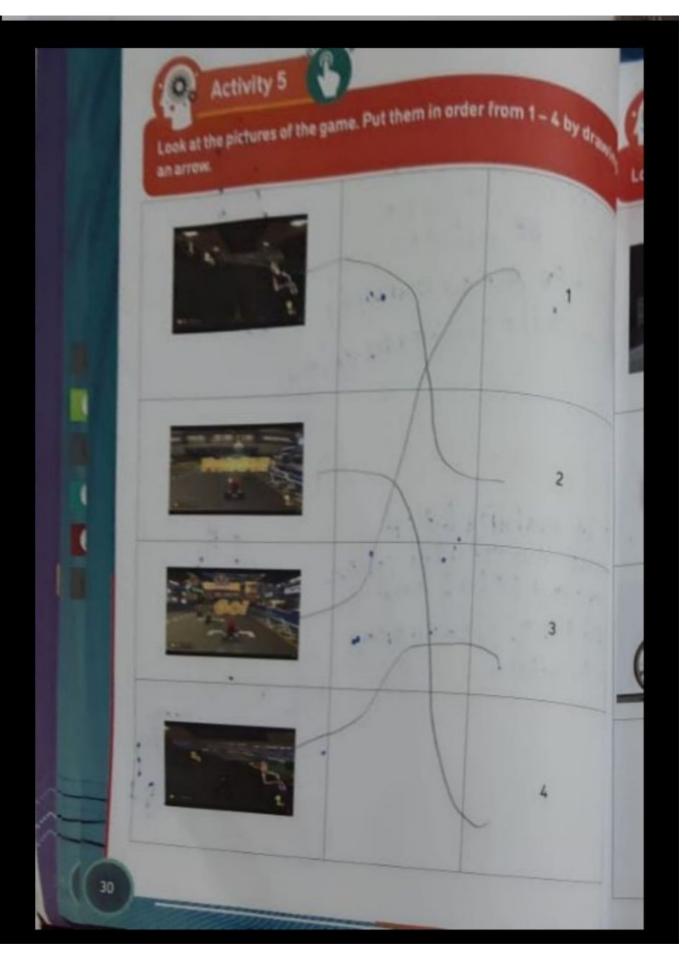
Description:

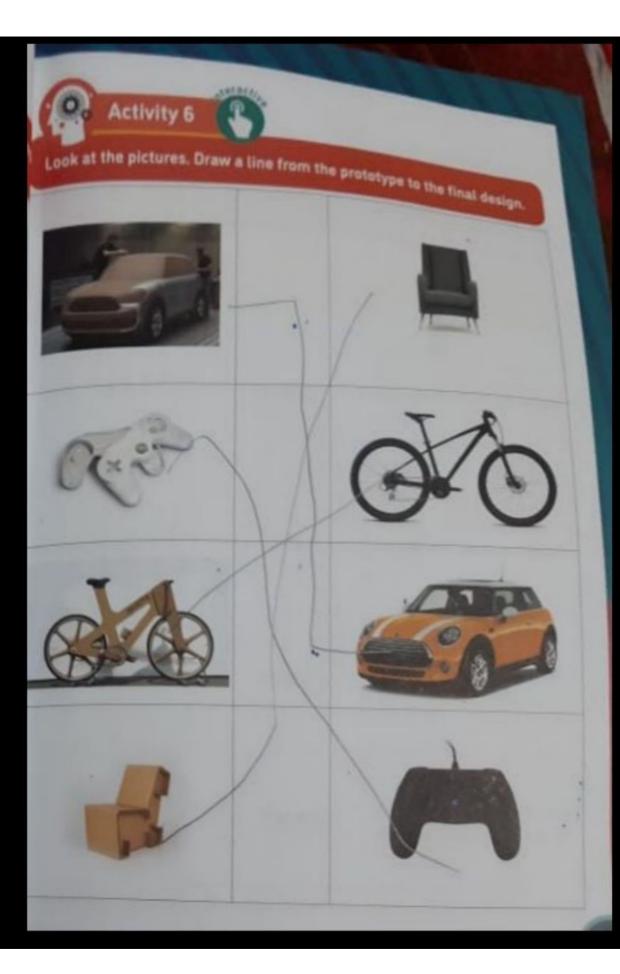


Description:

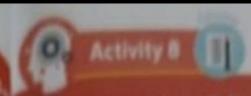








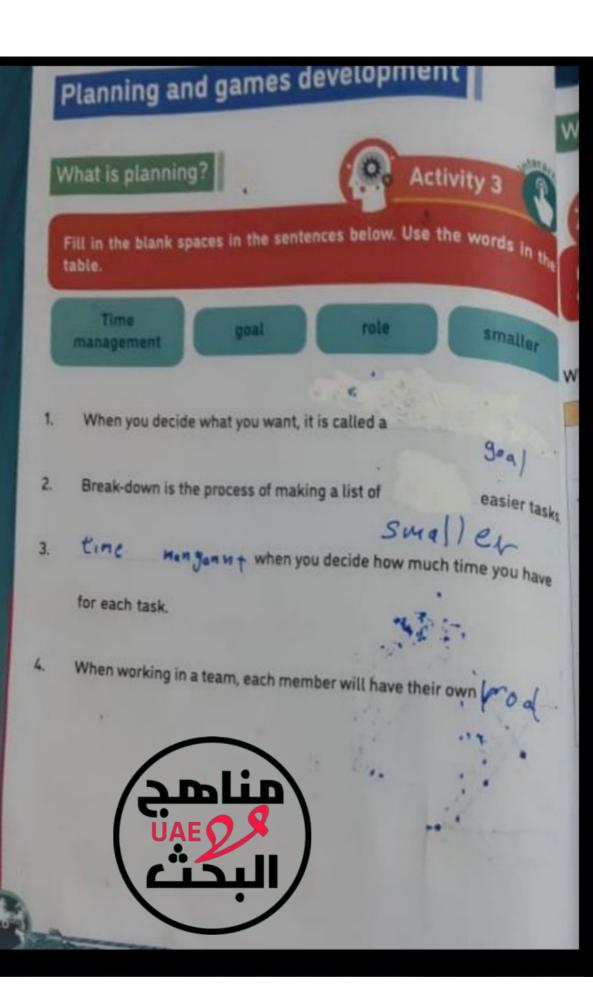
| Description | Mixed-up word | Word |
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| This is usually an electronic version of the game. | otyPpetro | pro toty |
| his is a word that also eans the idea for a game. | neocptC | con cert |



6

amplete the word search. Use the words from Activity 7

CJUCPDFUJQLADHX NBRPQBBB GPUMWBPH T XBHGFCWUG D TFIIPIBEED KOGFUJBHPEDL IWQUTJDPPDEO YHLXKHSYQXSY UKKKJRTOFNID TOFYWOZWONGB XKOJTLHLHFNQ TILOLJUFFCS ZERTESTINGL VLW WFM T EPROLP PDZFNFDOJLSNMCW



E-safety

Body posture



TATEL PAR

Activity 1



Complete the statements below by circling vor X.

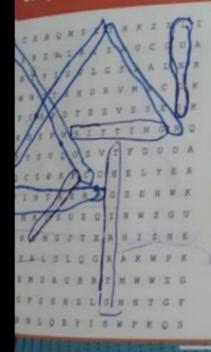
| Statement | ~ | × |
|---|---|---|
| 1. Sit half an arm's length away from the computer | | |
| the way you hold your body | | |
| 2. Posture is the way your and supported by the back of the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair Keep blinds closed and use a medium light level in the chair | | |
| the room | | |



Activity 2



Complete the word search below.



BREATHING

COMPUTER

3.7317

LUNGS

PAIN

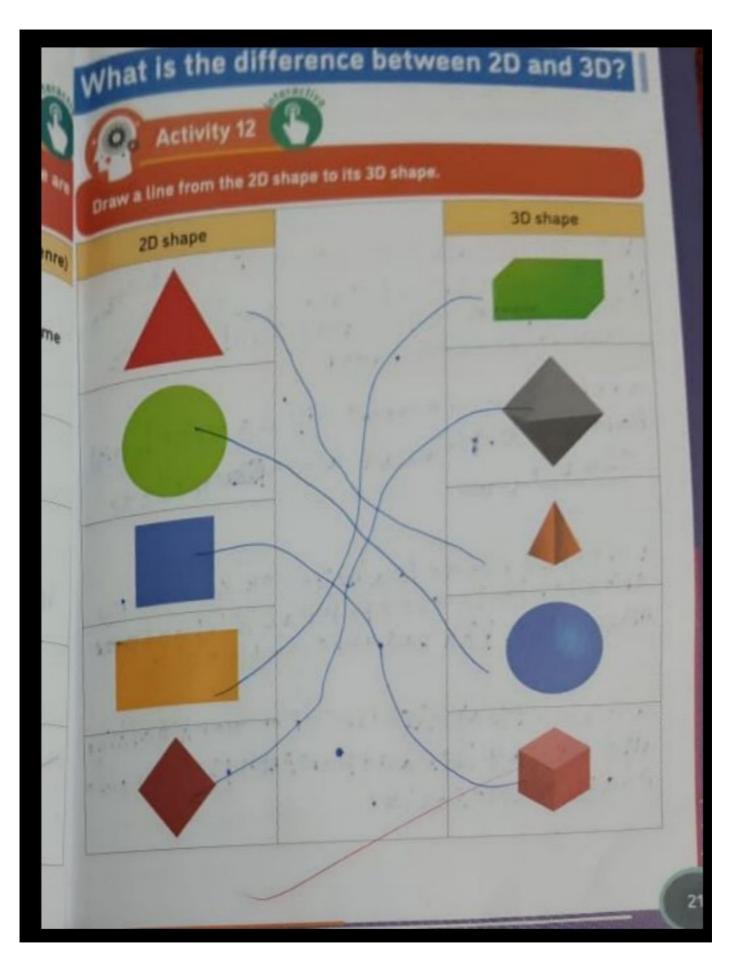
POSTURE

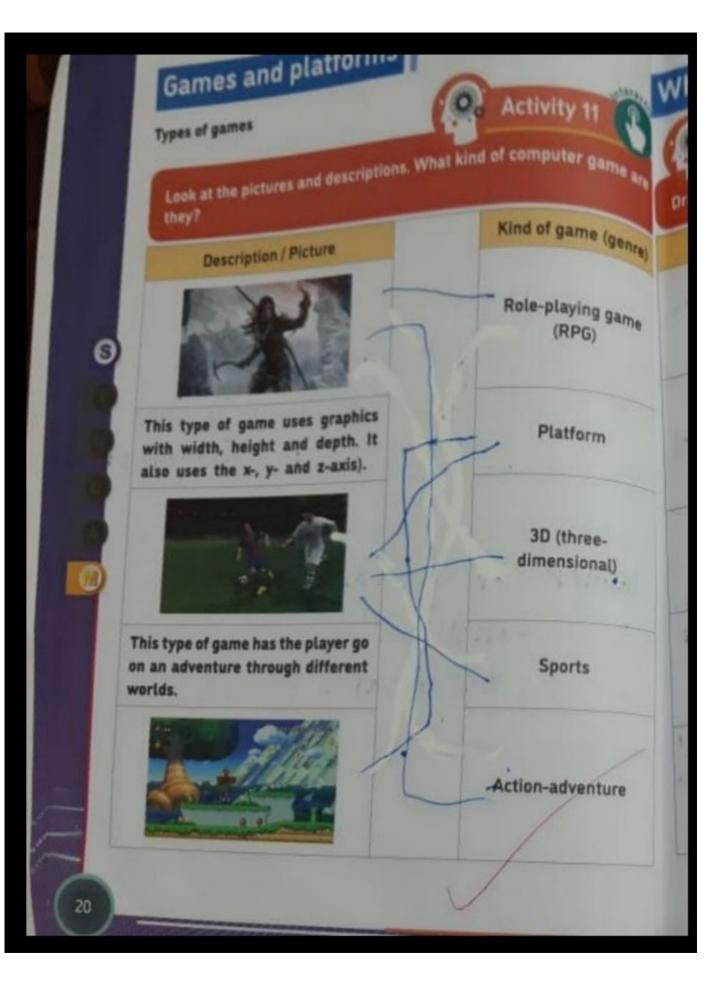
SITTING

STRAIGHT

TALKER

Are video games good for us? The advantages and disadvantages of video gam Activity 14 Read the part below. Fill in the empty spaces imagination puzzies memory eyes hurt addicted Computer games are very popular. There are both good things and bad things about them. Many games have hard PUZZLES you have to solve. There is a set time to finish them. This makes your MCNOT and speed better. You can build your problem-solving skills by playing games like Uncharted and Tomb Raider. You can become more creative and wake your imagination you play lots of different games. But, if you watch too much television, it can make your eye hart and give you headaches. Spending | O hours or more in front of the TV means you are a blicted to computer games.





The early history of computer games



Activity 10



Use the information from the table on the early history of computer games. Fill in the blank spaces

Computer gaming first began when A.S. Douglas created O XO

was the first computer game. Ten years later, Steve Russell created Spacewar,

It was the first game that could be played on many kinds of

Com put e

devices.

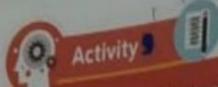
Ralph Baer created the first console. He was sometimes called the

Father of Video games in 1972,

Atari introduced Pong to the arcades. Then, five years later, Atari

started selling the the Atavi . It was also called the

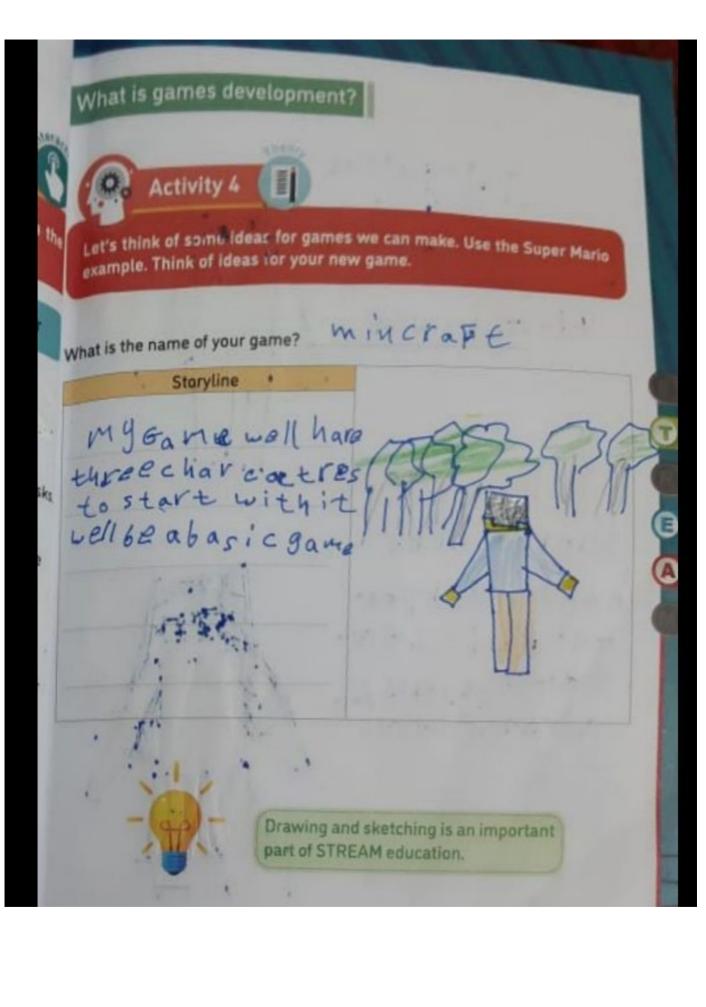
Video Computer System.



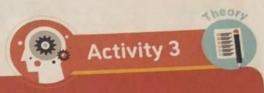
How do you get ready for school in the morning? Create an algorithm for

1 wake up

- 2 have as hower and brush my teel
- 3. Get dressed
- 4 Have breck fast
- s. pack your bag
- 6. collect mony forbroak/Lunch
- 7. wait Forschool 645
- 8. Arived to school
- 9. Lesson start



Introduction to games

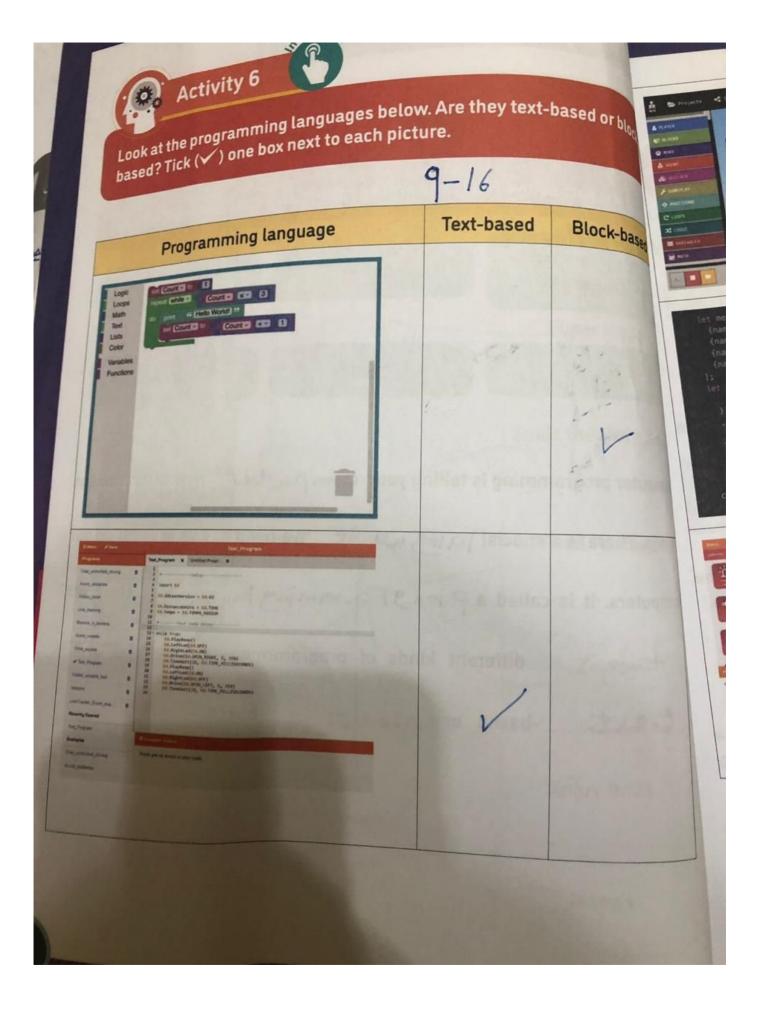


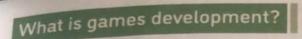
Write the name of some of your favourite game.

- 1. Fortnite
- 2. Pubg.
- 3. black ofs 4

Draw one of your favourite characters in the space below.









Activity 4



واجي

Let's think of some ideas for games we can make. Use the Super Mari example. Think of ideas for your new game.

What is the name of your game?

min craft

Storyline

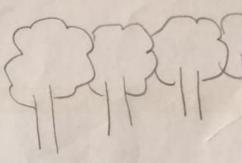
my Game well

have chreechter

tree . to start with

it, well be a basic

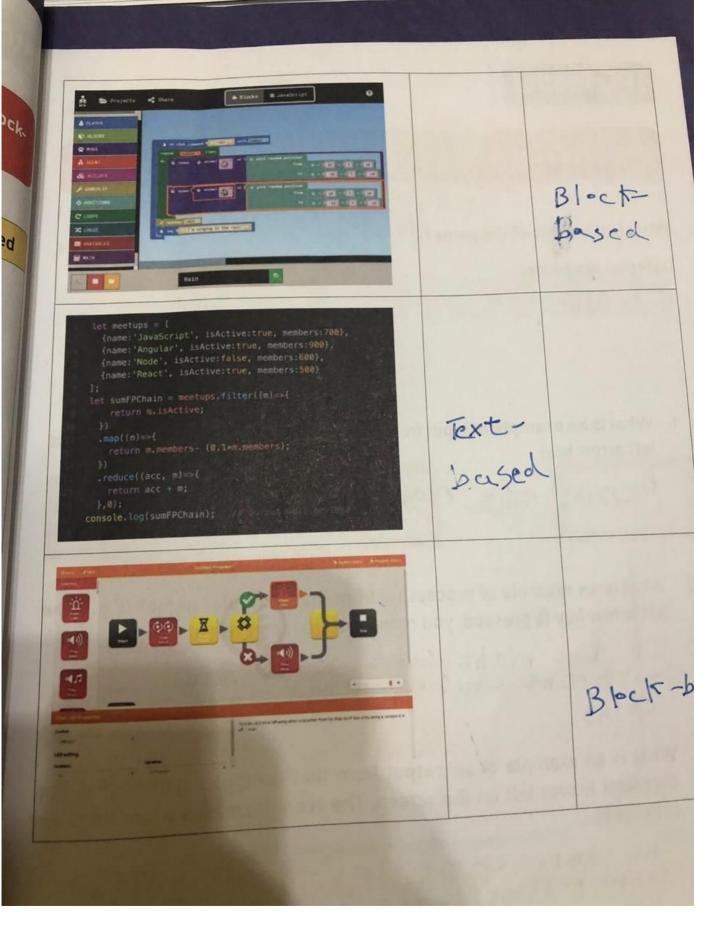
game







Drawing and sketching is an important part of STREAM education.



E-safety

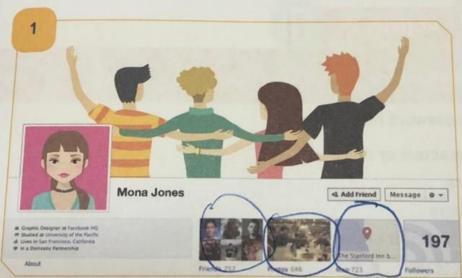


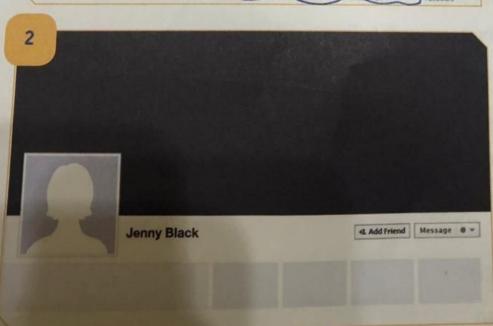
Activity 1



Look at the two Facebook profile examples.

- There is information that strangers can see. Circle this information on both profiles.
- 2. Which account is keeping your personal information safe from strangers?

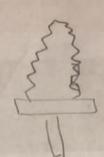




| | folco | | |
|--|-------------------------|------|-------|
| Look at the sentences below. Circle tru | Je or false. | | |
| Look at the sentence | | ~ | Intro |
| athore VI | ou live | 1 | muc |
| 1. Location can tell people where your personal in 2. It is okay to share your personal in the stant to hide your pict | formation with stranger | S | |
| 2 It is important you look like | | e | Write |
| won't kild change your password | every three months | 1 | |
| 5. Don't add people you don't know t | o your social network | V | |
| Activity 2 | | | 1. F |
| It is important to make sure your pass | word is strong. | | 3. |
| ا المانية المانية A strong password has: | | | Draw |
| () 6 characters or more | | | 1 2 |
| letters U letters | | | |
| U numbers | | | |
| () symbols (C) | | | |
| U symbols (@, _, #, \$, %, -, /) | | | |
| Look at the passwords below. | | | |
| Which ones are strong? Which ones are we | 21.2 | | |
| Passwords | ak? | | |
| Cats%run8912 | Strong | Weak | |
| Pretty20 | | | |
| Flowers | | | |
| pink-Rabit75 | | V | |
| spiderman | | V | |
| | | | |
| | | | |
| | | . , | 1 |

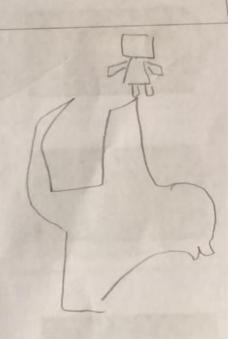
Objects

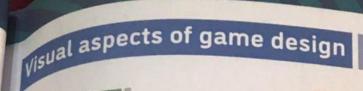
the player will collect
coins and other
wepons there will
be also anaboparturally
to collect louns points



Rules

the main rule of
the game is to
collect fight then
enermy to win





Storyboarding a game



Activity 10



Now you know what a storyboard looks like. Create a storyboard for your Now you kind tooks like. Cre favourite computer game. Use the space below.

| start | Middle | | End | |
|--------|--------|-----------|-----|---------------|
| Tal Pa | E | ला भे बार | | Coil girdly 5 |
| | | | (| 0 |
| | | | | |

Description:

Description:

Adversight the The Player's Start of the moving Bover maze gamer through the maza.

Description:

The player wins when Roverisat the end of the maze.

Creating our first game



Activity 7



Match the planning stages to the descriptions. This will be your plan for

lanning stages

Setting a goal

Breakdown



me management



Descriptions

We are working on our ow There is only one job for t

The teacher will tell how much **time** we have complete each part of project.

We can break down project into smaller p

- 1. Game concept
- 2. Terrain and object d
- 3. Character design
- 4. Storyboard
- Terrain and characteristics creation
- 6. Programming
- 7. Testing and eval

The **goal** is to create computer game.

!S

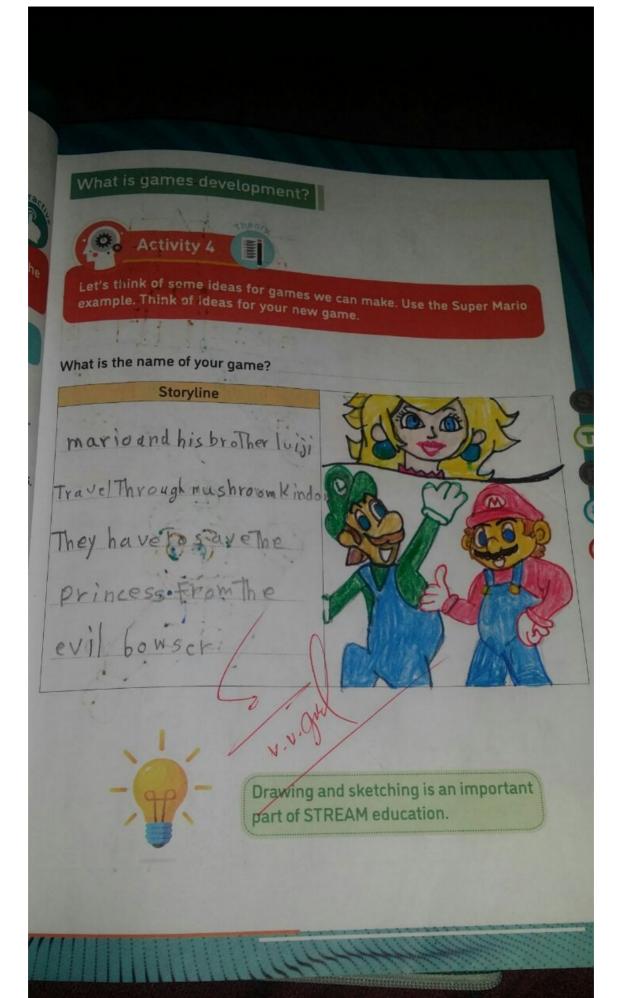
re and software work together?



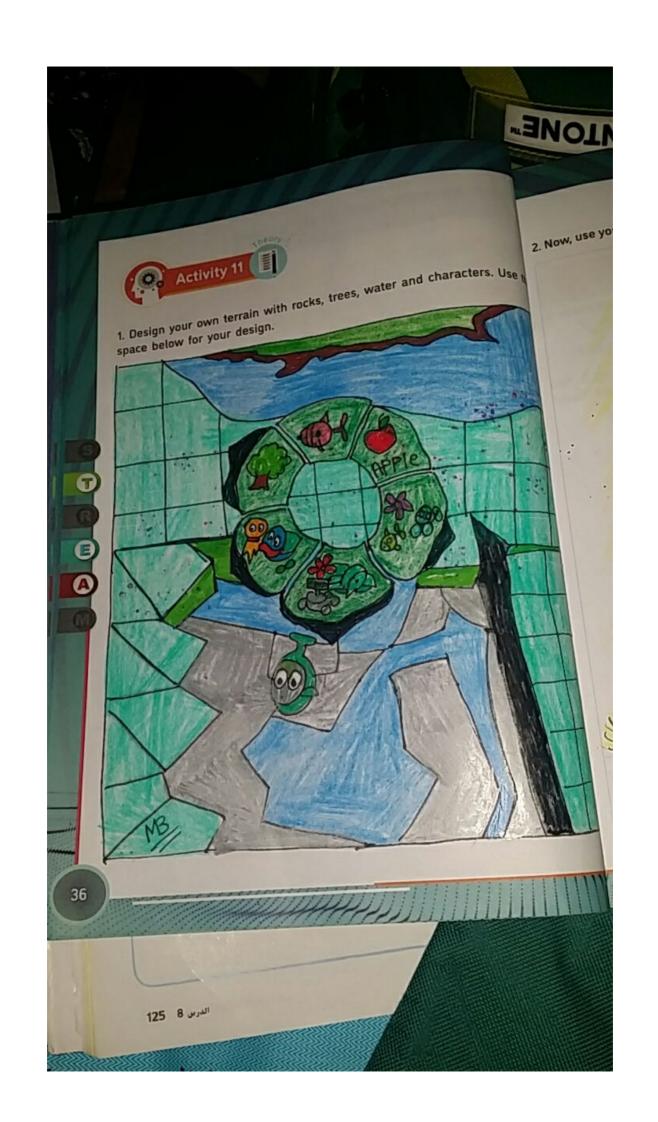
ures. Circle hardware or software for each one.

| | | acii one. | |
|---------------|----------|-----------|--|
| ATTEN HOTTION | Hardware | Software | |
| L | Hardware | Software | |
| | Hardware | Software | |
| | Hardware | Software | |
| 47 | Hardware | Software | |
| | Hardware | Software | |

| some game conditions to the onditions (When) | |
|--|-----------------------------------|
| | Game actions (Do) |
| er presses the | |
| rs. | The character move |
| ter collects an | |
| | Reduce character's health points. |
| er reaches | Show 'Time Up' |
| e level. | message and end game. |
| e runs out. | Show score and loa |
| | next level. |
| s hit by an | Show 'Game Over' |
| | meseage and end game. |
| | The item disappea |
| is no | The player's score |
| | goes up. |



Mario Luigi mushroom Kingdom princess from you have Two lives per stage evil Bowser. you lose alife save The ity on pass Through The you move ups level Tage unharmed



"ANOTNA9

e the

2. Now, use your design to create the terrain in Kodu.



MB.

\$ RODUX

37