



Jockey Club Ti-I College
賽馬會錦野中學

SPIRIT

Jockey Club Ti-I College
Presents
35th Anniversary Musical



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Jockey Club Ti-I College

Who we are?

An aided co-ed secondary school

Vision and Mission


- The vision and mission of the school are to provide students with the normal grammar school curriculum as well as a better chance to develop their potential in sports or arts.
- The School puts equal emphasis on academic achievement and the **development of students' talent in sports and visual arts.**





35th Anniversary Musical

Objectives:

- Nurture the development of students' multi-talent
 - Provide a platform for students to express their creativity
 - Develop students' senses of belonging
 - Create an once-in-a-lifetime unforgettable memories
- 

Preparation



Script writing

Sep 2022 - May 2023



Casting

Jul 2023



**Training and
Rehearsal**

Jul 2023 - Jul 2024



**Final
Performance**

Jul 2024

Resources Deployed



- **Experienced Teaching Staff - Production Managers**
 - Ms Woo Mei Hung
 - Ms Lee Suk Han Mariana
 - Mr Ip Chun Hin
 - Mr Wong Kin Chung
- **Students**
 - 77 Performers
 - Creative and Production Team (> 100 students)



Resources Deployed

- **Time-tabled lessons (Multiple Exposure Lessons)**
 - Script and lyric writing
 - Singing and dancing
 - Make-up
- **Financial resources (LWLG, TRG, School Fund, IT-Lab)**
 - Venue rental
 - Hiring of professional production Team
 - Projection Mapping Project (2022-2024)
 - IT Innovation Lab
- **Additional Training time (Sat morning)**



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x
x



Preparation



Script writing

Sep 2022 - May 2023



Casting

Jul 2023



**Training and
Rehearsal**

Jul 2023 - Jul 2024



**Final
Performance**

Jul 2024



3

Production



Difficulties

1. Challenges in Setting Rehearsals Schedule

- Frequent Makeup Classes
- Students' External Training Commitments
- Sports and VA Competition Schedules
- Packed weekday schedules - very difficult to find suitable times for practice without conflicting with other groups

2. School Venue Usage Issues

- Other trainings and activities may occupy the school hall every week, leaving little or no time available for musical rehearsals



Difficulties

3. Language Barriers

- Students whose first language is not English may find it challenging to perform a musical in English.

4. Venue booking

- Very difficult to find a suitable venue for musical performance



Solutions - Saturday Morning Rehearsals

1. Scheduling rehearsals on Saturday mornings

- to mitigate the conflicts of schedule and venue usage

2. Setting Consistent Slot

- To ensure all participants have the necessary time and space to prepare for the performance.

3. Organizing Language Workshops

- to improve students' English language skills, especially in the context of performance.
- to encourage students to support each other and seek guidance from NET teachers









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STEAM

Projection Mapping Project (光雕)






IT Innovation Lab in Secondary Schools

- **The Office of the Government Chief Information Officer (OGCIO) 政府資訊科技總監辦公室**
- **\$1 million**
- **For publicly-funded secondary school**
- **organising IT-related extra-curricular activities**
- **three school years from 2023/24 to 2025/26.**





Projection Mapping Project - Objectives

- To cultivate students'
 - Creativity and innovation
 - Communication skill
 - Problem Solving Skills
 - Collaboration Skills
 - Cross-disciplinary skills
- 



Projection Mapping Project - Timeline



**After School
Course**

**Open Day
Performance**

**Speech Day
Performance**

**Projection
Mapping
Festival**

Sep 2022 - Nov 2022

Dec 2022

May 2023

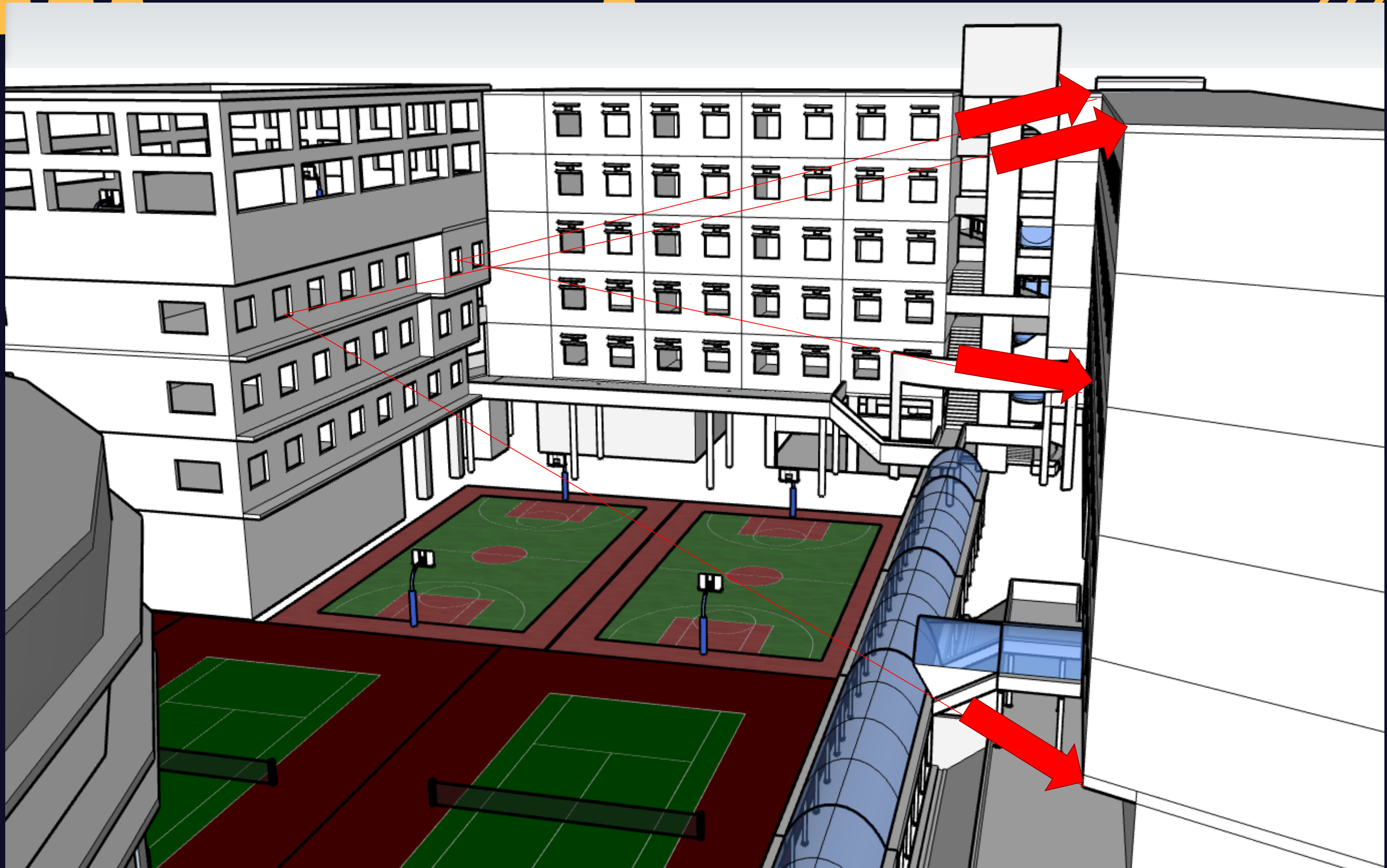
Aug 2023



Understanding Projection Mapping

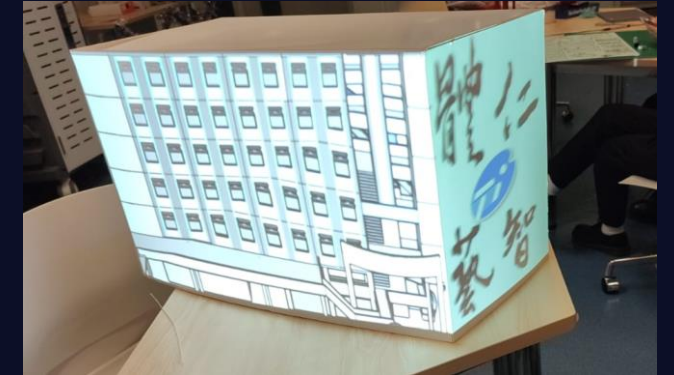
- 2D Mapping:
 - Definition and examples
 - Applications and limitations
 - Explore why certain flat surfaces are chosen for 2D mapping






Understanding Projection Mapping

- 3D Mapping:
 - Examples
 - Solutions in 3D mapping
 - Such as dealing with light and shadow (Arena)



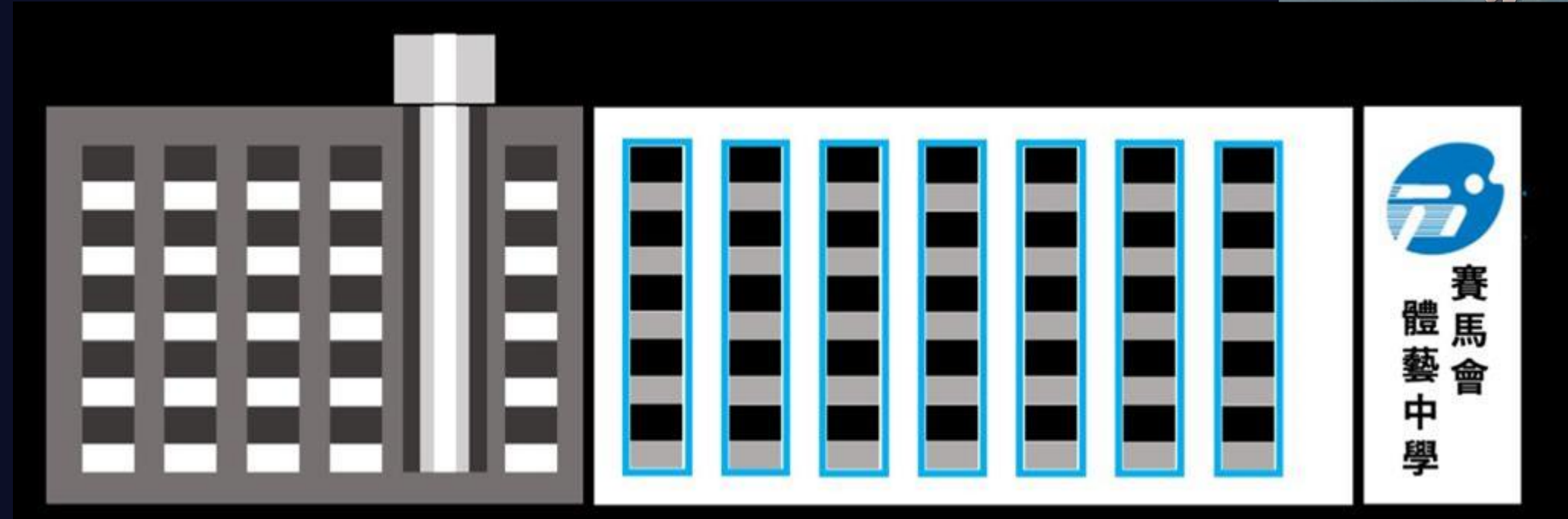
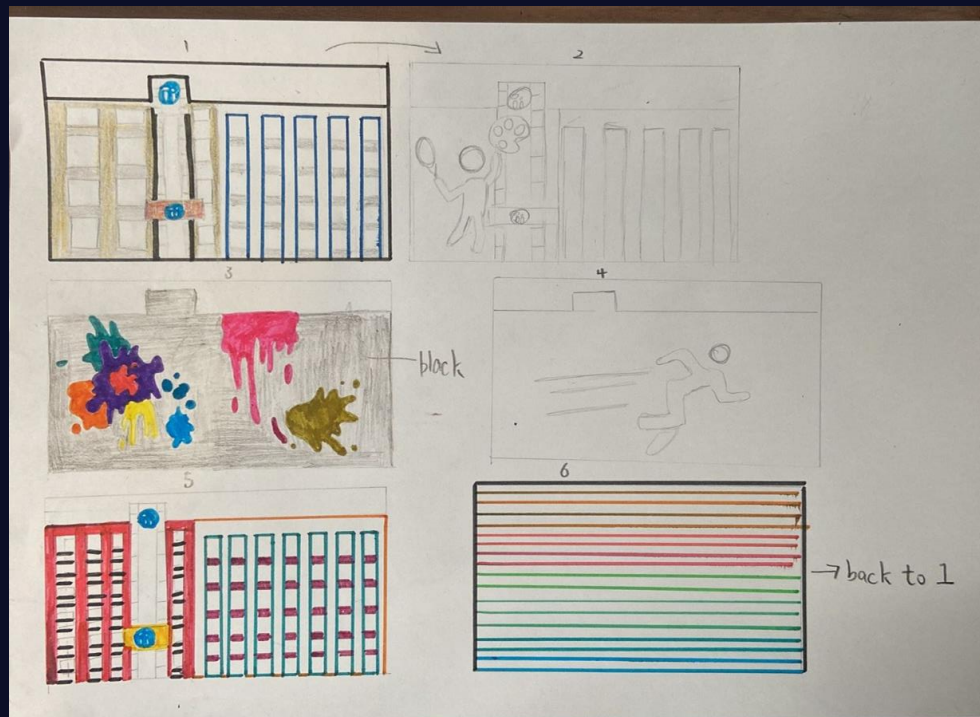
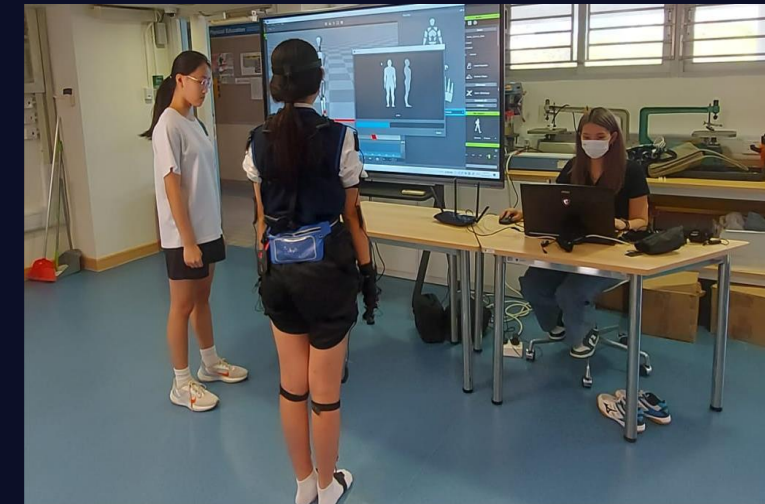
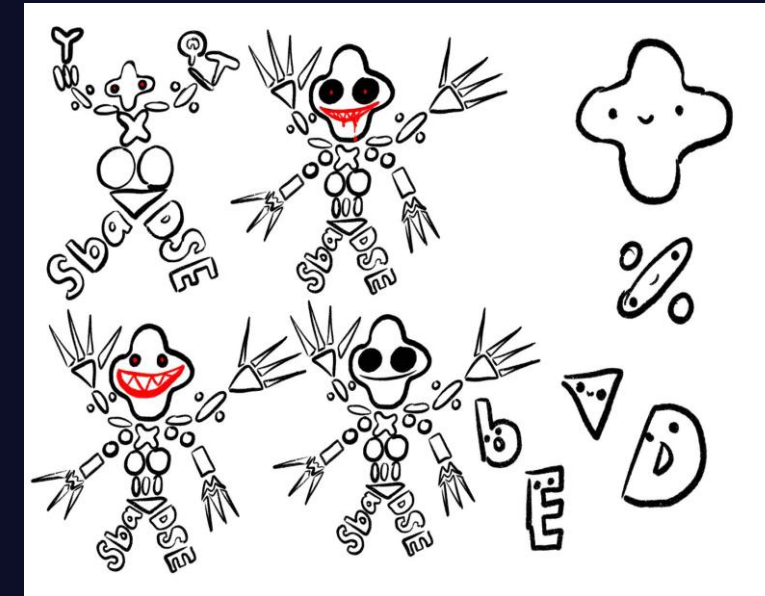


Course Time and Structure

- **Course:**
 - **Total duration : 62 hours**
 - **From Basic to Advanced skills**
 - **Suitable for F1 to F5 students**
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Course Time and Structure

- Lesson Time:
 - Schedule of theory classes and practical sessions
 - After School
 - Integration of IT components to enhance learning
 - Software + Design



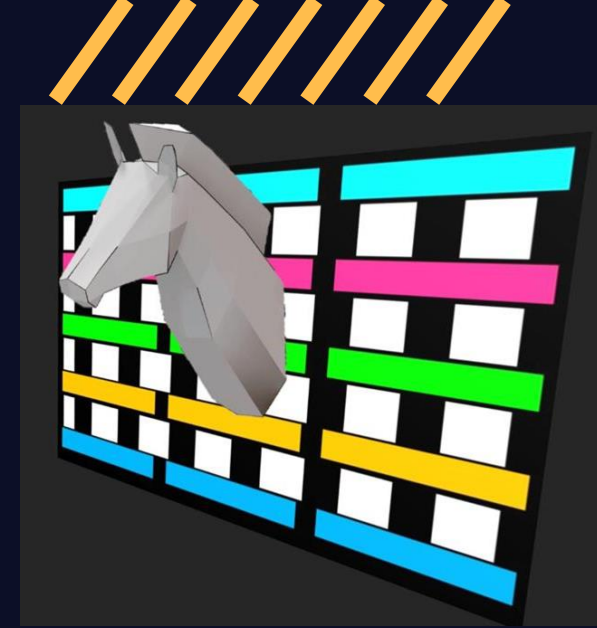


Course Resources

- Notebook computers
 - Projectors (Rental) - high ANSI lumens
 - Projection Mapping Software
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Learning Outcomes

- Students' Learning:
 - Development of technical skills in projection mapping
 - Use of motion capture software, 3D software
 - Enhancement of creative and critical thinking abilities
 - Application of knowledge in real-world projects



Learning Outcomes

- Generic Skills:
 - Collaboration skill
 - Division of work (Director, Art Director, etc)
 - Problem-solving skill
 - Effective communication and presentation skills



Roles and Responsibilities

- Student Responsibilities:
 - Active participation in class and projects
 - Collaboration with peers in group work
 - Reflection on personal learning journey



Reflection from students

Unconventional Creativity:

- Using video editing software and 2D animation software to do 3D scene transition

Cross-functional Collaboration:

- Working with different teams with different strengths results in higher efficiency.



Reflection from students

- Problem decomposition
- Importance of communication
- Requires a range of ICT techniques
- Requires good understanding of physics





Follow-up

Further study on

- Art and Technology
- Association in Information Technology



Continue to work on

- School Multimedia Team

Multimedia Team - Musical

- Script team



Multimedia Team - Musical

- Stage Panel team





Difficulties



Difficulties of projection mapping

- Fixed position for projector and objects
- Immediate Tuning of Stage scene
- Therefore only 2D Mapping is used in musical





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Suggestions





Difficulties of Musical Production

- Venue booking
- High rental costs of equipment for projection mapping
- Tight training and rehearsal schedule
- Students' health issue





Suggestions of Musical Production

- Book the venue ASAP
- Early planning and budgeting
- Rearrange or reschedule other schools' activities
- Arrange backup or substitutes of some key roles and characters



Conclusion



It's worth walking the extra mile when you see the students' smiles

