2D Animation & 3D Modeling
(AN35SA & AN35SB – 1 credit)

Mr. Robson
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This course will cover the history of animation and various animation techniques. We will examine the principles and applications of various types of animation. Students will spend time developing skills and creating 2D (Flash) animations and 3D (Maya) models that represent real objects and illustrate ideas.

We will cover such topics as:
- Basic tweening
- Motion path animation
- Shape tweening
- Working with movie clip symbols
- Basic action script features
- Animated music videos
- Animated short stories

Animation is a creative pursuit, and some originality and creativity are necessary. You do NOT need to be a stellar visual artist, but it is expected that you will make a sincere effort to challenge yourself and create animations that are visually appealing and show real creativity and effort.

This course is broken into 2 major units – each worth ½ credit!:
- 2D animation using Adobe Flash (12 weeks)
- 3D modeling using Maya (6 weeks)
  * *timeline and exact content may change to suit student & teacher needs.*

Evaluation:

There will be a mix of practice exercises and quizzes, along with more in-depth personal projects. In place of a final exam, there will be a final project, which will combine all of the knowledge gained throughout the semester.
Students who miss assignment deadlines will receive a mark of "0" until such a time that the missing work is submitted and graded (with late penalty).

Exercises & simple quizzes: regular
Major assignments & unit tests: (approx. 10)
Final project: (essentially your exam for this course) 25%

Important notes:
- **All students are expected to bring a pair of headphones for every class.**
- Flash drives are not necessary, but a **Dropbox** or **Google Drive** account is required.
- **Assignments can be revised and resubmitted** (with the exception of the final project) but this should always be discussed with and cleared by Mr. Robson.
- Students & parents should be in the practice of checking or subscribing to **Mr. Robson's web site** for class information, deadlines, homework, etc.
- Student login/ID should be kept SECRET and SECURE. Allowing others access to your account can create major problems and should be avoided.
- **NO VIDEO GAMES** in Room 213. Ever.

Mr. Robson's 3 Golden Rules:
- Room 213 is a place to **LEARN**
- Room 213 should always be a **SAFE** place
- Everyone in room 213 should be cooperative and polite.

Expectations:
- Students need to arrive on time and ready to work every day.
- Students are always expected to be active participants in class discussions and exercises.

Students and parents are expected to be kept up to date on marks and missing assignments at all times by visiting Powerschool: http://ps.sjsd.net

Students need to be aware of and adhere to the SJSD Acceptable Use Agreement:

> *Access to the Internet provides students with opportunities to utilize interactive tools and sites on public websites that benefit learning, communication and social interaction. Students will be held accountable for the use of any information posted on these sites if it negatively affects others. Teachers may recommend and use public interactive sites that, to the best of their knowledge are legitimate and safe.*

> *Because these sites are public all students must use their discretion when accessing information, storing and displaying work on the site. Teachers will provide students with guidance in this area. This applies to St. James-Assiniboia School Division owned devices as well as student owned devices using the St. James-Assiniboia School Division network.*

In Mr. Robson's class, students may be allowed to use personal devices for certain activities, but it the use of personal devices is always at the discretion of the teacher. If allowed in class, they are for educational purposes ONLY. Personal communication or off-topic use is prohibited. Phones & iPods should always be left at home or in a student's locker, unless approved by Mr. Robson, who reserves the right to direct students to put away devices as necessary for the learning environment, or confiscate devices that are improperly used or not put away when directed.

Any attempt to circumvent school division security measures or to access materials deemed inappropriate by the school or school division will result in immediate suspension of computer privileges and possibly other consequences which may include suspension, loss of credit expulsion or even intervention by appropriate authorities.