

# IB DESIGN

Zach Mitchell

Middle School Design Teacher

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Hello, I'm Zach Mitchell, and I am the Middle School Design Teacher at TCS. I also teach media center classes for grades 3-5. I graduated from Florida State University in 2020. This is my fifth year teaching at Trinity Catholic School.

## Objectives

Students will be able to:

- Explain the IB Design Cycle
- Define a problem and design digital/physical product solutions for real world situations.
- Develop critical thinking and problem solving skills.
- Develop skills necessary to use technology wisely.
- Practice creative thinking and collaboration skills with their peers.

## Curriculum

- Use of IB design cycle through real world applications
- Creative Writing
- Puzzles (Word, Logic, Physical) and other brain exercises.
- Building Challenges
- ISTE standards for technology.

## Grading Scale And Other Key Notes

**Participation and effort** are key components of the grade.

Students will be responsible for completing four projects throughout the school year that assess their understanding of the content.

Paper assignments are sparse. Most assignments will be submitted online.

Staying on top of **Google Classroom** is **VITAL** to succeeding in this class.

There will not be assigned homework or exams given in this class.

**Bellwork will not be accepted after class**

## Grading Scale

**Bellwork: 5 points**

**Daily Activities- 10 points**

**Projects- 50 points**

## Conduct Scale

### Conduct Grade

Conduct Grade-Citizenship in the Classroom*	
<b>Above Average Knight Behavior</b>  <b>1</b>	<ul style="list-style-type: none"> <li>Is a positive role model, who leads quietly or outwardly</li> <li>Shows kindness and care for others</li> <li>Is always respectful of teachers and fellow students</li> <li>Works to improve the classroom atmosphere</li> <li>Takes an active part in class discussions, groups, etc.</li> <li>Is a self-starter and seeks to help others</li> <li>Completes all work to the best of their ability</li> <li>Demonstrates personal and academic integrity</li> <li>Respect classroom resources/tools</li> <li>Arrives on time and prepared to learn</li> </ul>
<b>Satisfactory Knight Behavior</b>  <b>2</b>	<ul style="list-style-type: none"> <li>Contributes positively to class</li> <li>Shows respect for others</li> <li>Comes to class prepared and on time</li> <li>Demonstrates personal and academic integrity</li> <li>Listens and talks when appropriate</li> <li>Does what is expected</li> <li>Willing to help others</li> <li>Respect classroom resources/tools</li> </ul>
<b>Needs Improvement Knight Behavior</b>  <b>3</b>	<ul style="list-style-type: none"> <li>Needs frequent reminders by the teacher to stay on task and/or behave appropriately</li> <li>Needs improvement in showing respect and kindness to classmates/teacher</li> <li>Sometimes comes to class unprepared and/or does not complete work</li> <li>Distracts other students' learning</li> <li>Occasionally displays a negative or uncooperative attitude</li> <li>Irresponsible with classroom resources/tools</li> </ul>
<b>Unsatisfactory Knight Behavior</b>  <b>4</b>	<ul style="list-style-type: none"> <li>Is a disruptive influence on the class, negatively impacting the learning environment</li> <li>Shows a lack of respect for teacher/fellow students</li> <li>Is disrespectful or unkind to others, in actions or words</li> <li>Regularly comes to class unprepared and puts forth little effort</li> <li>Demonstrates a lack of personal and academic integrity</li> <li>Harms classroom resources/tools</li> </ul>

In the event a student receives a 3 or 4 in Conduct and the behavior does not improve, a Parent/Teacher Conference may be scheduled, a Behavior Plan will be put in place, and the student

may lose privileges. In the event that the behaviors don't improve over time, it may be decided that Trinity is not the best fit for that student.

### **Expectations for all students:**

- Be curious- your questions help drive our inquiry.
- Take initiative- push yourself to explore new ideas, stay organized, ask for help when needed.
- Have a strong work ethic- pay attention to detail, use your time wisely, and ask for help when needed.
- Come to class prepared, ready to learn, ask questions, collaborate and contribute to the group's success.

### **Supplies**

Students must have their **chromebook**, planner and writing utensils at all times.

### **Communication**

#### ***Google Classroom***

Google Classroom is a collaboration tool for teachers and students. Teachers create an online classroom, invite students to the class then create and distribute assignments. Within the Google Classroom students and teachers can have conversations about the assignments and teachers can track the student's progress. This is an organizational tool for the students to see all assignments and to-do lists in one place. Parents are able to receive communication as well to see what the students are working on.

#### ***E-mail***

The most effective method of communication between teacher and parents is e-mail. Parents should expect to receive a reply from the teacher within 24 hours. Students may confer directly with the teacher to resolve any questions or concerns. Students may use their school-issued email account to communicate, if there is not an opportunity in class. Teacher Email: **[mitchellz@trinityknights.org](mailto:mitchellz@trinityknights.org)**

#### ***Powerschool***

Parents and students are responsible for checking PowerSchool on a regular basis to monitor progress. Please bring concerns to the teacher's attention as soon as they appear. Parents and teachers will work together to promote student progress. Questions regarding access to PowerSchool should be directed to the front office.