

Student Name: _____

INCOMING 9th GRADE SUMMER ASSIGNMENT

Due at Orientation in August 2019

Welcome to Chicago Bulls College Prep!

We are thrilled that you are joining the Bulls Prep family! High school is an exciting time, bringing a multitude of new challenges and opportunities. Being prepared is one of the best ways to meet these challenges and take advantage of such opportunities. Your first step in being prepared is this summer assignment that you **MUST** complete. Your summer assignment is due at orientation in August. Completed work is work that follows all directions. **Make sure you re-check your work to make sure you answered every question and followed all directions. Failure to turn in a completed assignment at orientation will result in a 45-minute extended school day on the first day of school.**

Assignment #1 Intro to Bulls Prep Summer Assignment (Reading Assignment)

This assignment will provide you with more information about Bulls Prep. You will read and answer questions about the reading.

Assignment #2 English Summer Assignment

This assignment will review your English skills and help to prepare you for high school English.

Assignment #3: Math Summer Assignment

This assignment will review your math skills and help to prepare you for high school Algebra.

Assignment #4: Science Summer Assignment

This assignment will help you review experimental design principles that are foundational for high school physics and will help to prepare you for high school Physics.

One Last Note

Please feel free to contact us via e-mail at homework@bullscollegeprep.org with any questions. We'll be checking our e-mail throughout the summer and will respond as quickly as possible. See you in August!

Sincerely,

Ms. Lilley

Assistant Principal - 9th and 10th Grade

Assignment #1 Intro to Bulls Prep (Reading)

Due at orientation in August

Directions: Read the information below. Answer the questions at the end of the reading.

*An important component of your success at Chicago Bulls College Prep is knowing what is required each year to promote as well as understanding what supports Bulls has in place to help you accomplish this promotion requirement. Read through the 9th grade promotion requirements and supports below and then answer the questions that follow. **Note that these requirements were from the 2018-2019 school year and are subject to change.***

1. Academics

Promotion Requirement: Students must pass every class each semester to move to the next grade level. Any student who fails any class will be expected to enroll in make-up classes (night school and/or summer school) to make up credits. For the 2018-19 school year, the cost of make-up courses was \$140 for 1.0 credit classes (math, science, reading, and English), \$70 for all 0.5 credit classes (electives) and \$70 for advisory.

Supports:

1. **The Bulls Prep Discussion-Based Model of Instruction:** Bulls Prep uniquely teaches all courses through our discussion-based instructional approach. In a traditional classroom, one might imagine a teacher at the front, desks arranged in rows, and students providing infrequent, single-word responses to questions. At Bulls Prep, students spend the majority of every class discussing, questioning, and defending with evidence their own thoughts and ideas. Our students deepen their conceptual understanding of complex topics while building their math and literacy skill through high engagement with their peers. Students are taught to constantly ask and answer the key question when it comes to deepening academic rigor: “Why?” This method empowers students to continue high-quality learning outside of the classroom without their teacher.
2. **Office Hours:** All teachers hold office hours multiple times per week where students may receive additional help on homework. Office hours are posted in advance and allow students to create a predictable schedule. Office hours may be offered before or after school, but at least one teacher in every subject area is available every day.
3. **Discussion Hall:** Discussion Hall is a daily homework collaboration space where students can work and receive help from their peers. This space is available after school and can seat up to 300 students.

2. Enrichment

Promotion Requirement: Students must earn 0.25 enrichment credits taken outside the regular school day to be eligible for promotion and graduation. Enrichments can be special interest clubs, organizations, or sports teams that students participate in.

Supports:

1. **School-Sponsored Enrichments:** Bulls Prep offers many before- and after-school enrichments that students can be a part of. This includes sports teams, dance groups, and clubs that cover activities students are interested in such as pop culture, politics, make-up, physical fitness, and much more.
2. **Advisory:** Each student will be placed in an advisory with one or two advisory teachers. These teachers will check in with students and support them in selecting enrichments that fit students’ interests and needs.

3. Physical Fitness

Promotion Requirement: All 9th grade students must pass a health test as well as a fitness test that includes push-ups and a mile run to promote to 10th grade. The amount of push-ups required as well as the time required for the mile run are listed below by gender:

Noble Fitness Requirements		
Test	Male	Female
Push-Up	16	7
1 Mile Time	9:15	10:45

Supports:

1. **PE Class:** All students will take a Physical Education course. In this class, students will train on their push-ups and mile as well as learn key health concepts. PE teachers will also give students tests throughout the year so students know how much progress they have shown and how much more progress they need to pass the end-of-year test.
2. **Sports Enrichment:** Students are encouraged to participate in sports enrichments, which will help give them hands on learning experiences with health concepts as well as help them prepare and train for the fitness assessment.

4. Discipline

Promotion Requirement: Students must earn less than 13 detentions to promote to the next grade level without needing to take a discipline summer school course.

Supports:

1. **Student Handbook and Code of Conduct:** All students have access to the handbook and code of conduct. We recommend that all 9th graders read this prior to their first week of school so that they know what the rules and consequences are in advance. Knowing what to expect helps students feel more successful when they begin high school.
2. **Advisory:** Each student will be placed in an advisory with one or two advisory teachers. These teachers will help students track the number of detentions they receive as the year goes by and help students find successful strategies to avoid accumulating detentions.

5. Community Service

Promotion Requirement: Students must earn a total of 10 hours of community service each year. Earning these hours build students' connection to the community and makes them more competitive candidates for colleges.

Supports:

1. **Advisory:** Each student will be placed in an advisory with one or two advisory teachers. These teachers occasionally sponsor trips that advisees can attend to earn hours. Additionally, advisors help students find places where they can volunteer.

1. List the five promotion criteria for 9th graders at Bulls Prep:

a. _____

b. _____

c. _____

d. _____

e. _____

2. How many hours of community service are students required to complete each year? _____

3. How many push-ups will you need to complete by the end of the year to be promoted for PE?

4. What mile time will you need to accomplish by the end of the year to be promoted for PE?

5. What would cause a student to go to summer school for their academics?

6. What is the purpose of office hours?

7. Give an example of something that might be considered to be an enrichment:

8. What is discussion hall?

9. Write any questions that you have about promotion requirements below. If you have no questions, then explain which part of the promotion requirements you feel most confident about for this upcoming year:

English Summer Assignment

Due at orientation in August

Directions: Read this page and use it as a reference to answer the questions on the following pages.

Words are like people, and like people, words work together in teams where each word plays a distinct role or function. Think of a basketball team, for example. There are different kinds of people – different ages, skills, qualifications, etc. – and partly because of these differences each person plays a different role in the team. There is a point guard, a shooting point guard, small forward, center, etc. Similarly, in a sentence, there are different kinds of words, and they each play a different role or function in the sentence.

Based on their use and functions, words are categorized into several types or *parts of speech*. See below for the different parts of speech.

Part of Speech	Example
<p>Noun-names a person, place or thing (concrete or abstract)</p> <p>Examples: Daniel, London, table, hope</p>	My <u>sister</u> loves chicken nuggets.
<p>Verb- expresses an action</p> <p>Examples: go, speak, eat, live</p>	Charlotte <u>sang</u> the most beautiful song.
<p>Existing verb-expresses a state of being</p> <p>Examples: am, are, is, was, were, will be, have been</p>	We <u>were</u> going to go to the game, but it rained a lot.
<p>Pronoun-renames a noun or noun phrase to avoid repetition</p> <p>Examples: I, you, it, we, us, them, those</p>	My sister and <u>I</u> love movies, and <u>we</u> go to the theatre as often as <u>we</u> can.
<p>Adjective- describes, modifies, or gives more information about a noun or pronoun.</p> <p>Examples: cold, happy, young, two, fun</p>	The <u>red</u> coat was too <u>small</u> for Davey.
<p>Adverb- describes or modifies a verb, an adjective, or another adverb. It tells how (often), where, or when.</p> <p>Examples: slowly, very, always, well, too</p>	The airplane <u>very</u> <u>nearly</u> missed hitting the sky scraper.
<p>Conjunction- connects two words, phrases, or clauses together and shows how they are connected.</p> <p>Examples: and, or, but, because, yet, so, when</p>	The dog loved edamame, jelly beans, <u>and</u> biscuits.
<p>Preposition- shows the relationship of a noun or pronoun to another noun or verb.</p> <p>Examples: at, on, in, from, with, about</p>	George went <u>to</u> the store.

Directions: Use the table on the previous page to answer the prompts below.

1. Write a sentence that has 2 nouns and 1 verb. Circle and label the 2 nouns and 1 verb.

2. Write a sentence that has 2 nouns and 2 adjectives. Circle and label the 2 nouns and 2 adjectives.

3. Write a sentence that has 1 adverb and 1 verb. Circle and label the adverb and verb.

4. Write a sentence that contains 1 noun, 1 verb, 1 adjective, and 1 adverb. Circle and label the noun, verb, adjective, and adverb.

5. Write a sentence that contains 1 noun, 1 verb, and 1 preposition. Circle and label the noun, verb, and preposition.

- 6. Determine the part of speech for the underlined word:**

My father bakes the most delicious chocolate chip cookies.

Part of Speech: _____

Explain how you know that "bakes" is the part of speech you labeled it as: _____

- 7. Determine the part of speech for the underlined word:**

Every morning, my mom makes hot coffee to take with her to work.

Part of Speech: _____

Explain how you know that "hot" is the part of speech you labeled it as: _____

- 8. Determine the part of speech for the underlined word:**

She ran quickly to get away from her opponent.

Part of Speech: _____

Explain how you know that "quickly" is the part of speech you labeled it as: _____

9. Determine the part of speech for the underlined word:

Because he was so healthy at lunch, Brian ate a burger and French fries for dinner with a smile on his face.

Part of Speech: _____

Explain how you know that “and” is the part of speech you labeled it as: _____

10. Determine the part of speech for the underlined word:

My favorite part of summer is going to the pool.

Part of Speech: _____

Explain how you know that “summer” is the part of speech you labeled it as: _____

Math Summer Assignment

Due at orientation in August

Part 1: Free Response

DIRECTIONS: Answer ONE of the following questions below (choose Question A or Question B). Show your work and answer in this packet. Your work must include:

- Your work to obtain the answer. Include every step.
- Your answer in a complete sentence.

Question A: Jackie is working on her summer homework. She has already completed 7 problems and is working at a rate of 4 problems per hour. Brandon is also working on his summer homework. He started as soon as he went to testing, so he has completed 15 problems already, but is working more slowly, completing only 2 problems per hour. After how many hours will Jackie and Brandon have the same amount of problems done? At that time, how many problems will they each have completed?

Question B: Antonio takes a part-time job as a waiter when he gets to college to help pay the bills. He gets paid \$5 per hour that he works (h), and then at the end of the day gets to take home \$20 in tips from the tip pool. How many hours will he have to work in order to make enough money to pay his gas bill of \$102? Complete the table below to help you solve this problem.

Hours worked (h)	Total Pay (p)
0	
1	
2	
3	
4	

Which question are you answering? _____

Show your work for Part 1 here:

Write your answer in a complete sentence here: _____

PART 2: Math Facts

DIRECTIONS: Answer each multiplication problem below. Do not use a calculator.

1) 6×-4

2) 4×2

3) 3×-4

4) -6×4

5) 5×-4

6) -3×4

7) -5×6

8) -2×-1

9) -8×-2

10) 11×12

11) -7×5

12) 9×-6

13) 10×5

14) 9×2

15) -12×7

16) 8×-12

17) $9 \times 10 \times 6$

18) $-6 \times -10 \times -8$

19) $7 \times 9 \times 7$

20) $6 \times 6 \times -2$

21) $-5 \times -4 \times -10$

22) $9 \times 9 \times -5$

23) $8 \times 3 \times 8$

24) $7 \times 5 \times -5$

Science Summer Assignment

Due at orientation in August

Directions: Use the table below with key terms and equations to help you answer the questions below. Show your work. Even if you use a calculator, you should show the steps that you took to answer each question.

Key Terms	Equations
V = velocity t = time D = distance A = acceleration	$V = D \div t$ $A = V \div t$

1. Michael drove 100 miles in 2 hours. What was Michael's velocity?

2. A train traveled 200 miles in 4 hours. What was the train's velocity?

3. The velocity at which the train traveled was 60 miles per hour. The train traveled for 2 hours. What was the train's acceleration?

4. The car traveled at a velocity of 50 miles per hour. The car traveled for 10 hours. What was the car's acceleration?

Congratulations! You have completed your Summer Assignment. Before orientation, go back to make sure

- you answered EVERY single question.
- you followed ALL directions for each page.

Bring this assignment with you to turn in at orientation in August.