

# Zainab Game Plan Report Draft v1.0

## Zainab's Standout Ivylevel Strengths

### **1. Artistic Talent and Passion for Creativity:**

Zainab's deep engagement with art, beginning in the 3rd or 4th grade, reveals her innate creativity and dedication. Her diverse artistic skills include drawing anime, painting with acrylics, and producing detailed sceneries. Her participation and recognition in art competitions, such as the USPS competition where she received a "rising artist" certificate, emphasize her standing as a budding artist. Zainab's continuous refinement of her craft, even in the absence of formal art electives, speaks volumes about her commitment and passion. This creative inclination aligns well with potential majors such as Art Practice or Design.

### **2. Athleticism and Team Spirit:**

Zainab's enthusiasm for volleyball and badminton showcases her physical capabilities, team spirit, and perseverance. Having played volleyball since the 6th grade and discovering her talent in badminton during her 7th-grade PE unit, she has shown resilience in mastering these sports. Her interest in joining the high school badminton team further highlights her determination and dedication to her athletic pursuits. Sports often teach valuable life skills such as teamwork, discipline, and strategic thinking, making her a well-rounded candidate.

### **3. Intellectual Curiosity in STEM:**

Zainab's interest in STEM subjects, particularly biology, and her enthusiasm for science learning are evident. Her coursework in math, science, and robotics, alongside her engaged participation in multimedia projects involving creativity and technology, underscore her multifaceted intelligence. Zainab's aspirations to become a doctor, specifically a dermatologist, are driven by her fascination with the human body and a desire to help others. Majors such as Human Biology or Biomedical Computation at Ivy Plus would be a seamless fit for her scientific aspirations and curiosity.

### **4. Leadership and Community Involvement:**

Zainab demonstrates her leadership potential and willingness to contribute to her community through her plan to volunteer at the local library's TeenReach program. Her proactive approach to seeking out volunteering opportunities, even before starting high school, shows a mature sense of responsibility and a drive to make a positive impact. This commitment to community service highlights her suitability for roles that require strong leadership and social awareness, qualities that are highly valued at Ivy Plus.

### **5. Diverse Extracurricular Engagement:**

Zainab's involvement in various activities, including robotics and multimedia projects, outlines her versatility and intellectual vitality. Her projects that involved drawing and photoshopping in

the multimedia elective reveal a blend of technical skills and creativity. Additionally, her interest in journalism as an elective reflects a desire to explore new disciplines and develop her communication skills. Her initiative in creating life-sized board games and designing a game on Roblox demonstrates innovation and entrepreneurial spirit, key traits for majors in Communication or Product Design.

## **6. Resilience and Growth Mindset:**

Throughout her academic journey, Zainab has shown resilience, especially in overcoming challenges in math. Despite initial struggles, her determination to improve through tutoring and online resources like Khan Academy reflects a growth mindset. Her ability to adapt and persist through educational hurdles is a testament to her perseverance and readiness to tackle the rigorous academic environment at Ivy Plus.

By emphasizing these standout strengths and aligning them with potential majors at Ivy Plus, Zainab is well-positioned to present a compelling application showcasing her intellectual vitality, leadership potential, and multifaceted interests.

## **Top Weak Spots Identified for Zainab**

While Zainab exhibits a range of interests and some solid academic foundations, there are several areas she could focus on to strengthen her application to Ivy Plus University. To enhance her profile amidst strong competition, Zainab should address the following key areas:

### **[Weak Spot 1] Clear Intended Major:**

Zainab has voiced an interest in pursuing a medical career, possibly as a dermatologist. However, her current academic and extracurricular activities could more effectively reflect this goal. To bolster her application, she should consider opportunities related to her ambition, such as volunteering at healthcare facilities or shadowing a medical professional.

### **[Weak Spot 2] Specific Focus within STEM:**

While Zainab has expressed a general interest in science, particularly biology, her activities do not distinctly highlight this focus. Engaging in science fairs, biology clubs, or relevant competitions would demonstrate a committed interest in her preferred field.

### **[Weak Spot 3] Development of a Personal Narrative:**

Zainab has diverse interests in art, volleyball, badminton, and her budding aspiration towards the medical field. Crafting a compelling personal statement that interconnects her artistic talents with her scientific interests could create a unique narrative. She can emphasize how her creativity aids her scientific curiosity and problem-solving abilities.

### **[Weak Spot 4] Academic Rigor:**

Zainab mentioned struggles with math, which is crucial for a strong STEM profile. Improving her math skills through consistent tutoring and leveraging resources like Khan Academy are steps in

the right direction. Additionally, aiming for higher-level courses such as AP Biology or AP Chemistry in high school can further showcase her commitment to her intended field.

#### **[Weak Spot 5] Leadership in STEM:**

Although Zainab aspires to be a doctor, her leadership activities in STEM are limited. Taking the initiative to lead a science club, start a health-themed project, or engage in collaborative research could significantly enhance her leadership profile in the STEM domain.

#### **[Weak Spot 6] Enhanced Extracurricular Activities:**

Zainab's extracurricular involvement is diverse but not deeply rooted in science or medicine. She should diversify her extracurricular portfolio to include more science-related endeavors. Participating in health and science camps, joining medical-related clubs, and entering relevant competitions could demonstrate her passion and dedication.

By addressing these areas, Zainab can create a more compelling application that aligns with her aspirations of entering the medical field, making her a stronger candidate for Ivy Plus.

## **Tailored 5-Year Strategies with Specific Action Plan to Address Zainab's Weak Spots**

Combining Zainab's assessment with my expertise and previous experience helping students gain acceptance at Ivy Plus, top UCs, and Ivy League schools, I propose the following strategies to address her weak spots head-on.

#### **[Strategy 1] Defining a Clear Intended Major**

##### **Objective:**

Develop a focused academic and extracurricular profile that aligns with Zainab's interest in a medical career, particularly in dermatology.

##### **How:**

Encourage Zainab to immerse herself in experiences that directly relate to her interest in the medical field.

##### **Specific Plan:**

- Facilitate volunteer opportunities at healthcare facilities, such as hospitals or dermatology clinics.
- **Arrange for shadowing experiences with a medical professional, ideally a dermatologist, to gain firsthand insight into the field.**
- Promote participation in health-related community service projects, such as organizing skin cancer screening events.

##### **Suggested Majors to Explore:**

- Human Biology
- Pre-Medicine
- Medical Sciences

## **[Strategy 2] Refining Focus within STEM**

### **Objective:**

Strengthen Zainab's commitment to biology and other science fields through targeted activities and achievements.

### **How:**

Encourage participation in science competitions, fairs, and clubs that reflect her interest in biology.

### **Specific Plan:**

- Support Zainab in joining her school's biology club and actively participating in activities and competitions.
- Guide her to partake in local and national science fairs, such as the Intel ISEF and BROADCOM masters.
- Facilitate engagement in biology-related research projects, potentially collaborating with local universities or science research centers.
- Volunteer at animal shelter: Zainab enjoys animals and has a cat and dog of her own. Volunteering at a local animal shelter could help her strengthen her empathy skills essential for medicine while also caring for animals. Alternatively, Zainab could foster pets.

### **Additional Activities:**

- Science Olympiad Team
- Medical shadowing with nurses
- Participation in biology or medical research symposiums
- Volunteering at an animal shelter
- Fostering pets

## **[Strategy 3] Crafting a Personal Narrative**

### **Objective:**

Create a compelling personal statement weaving together Zainab's diverse interests and their connections to her medical aspirations.

### **How:**

Engage Zainab in reflective exercises to articulate how her background in art, sports, and science complements her goal to pursue medicine.

### **Specific Plan:**

- Assist Zainab in writing a personal narrative that ties her artistic creativity to her scientific curiosity and problem-solving skills, highlighting how these skills overlap and enhance her potential as a future doctor.
- Encourage Zainab to participate in artistic endeavors that have a scientific or medical twist, such as creating medical illustrations. This includes pursuing medical illustration, a field that combines her passion for art and medicine while also contributing to diversity in the field. A current lack of diverse medical illustrations results in increased illness and misidentification of diseases like melanoma (skin cancer). As someone interested in dermatology, this is the perfect opportunity for Zainab to contribute.

#### **[Strategy 4] Building Academic Rigor**

**Objective:**

Elevate Zainab's academic performance, particularly in STEM subjects, to demonstrate her intellectual capability and commitment to a medical career.

**How:**

Focus on strengthening Zainab's mathematics skills and advancing her coursework in biology and chemistry.

**Specific Plan:**

- Arrange consistent tutoring sessions for math to address her struggles and improve her confidence in the subject.
- Encourage enrollment in higher-level courses such as AP Biology, AP Chemistry, and AP Calculus.
- Promote utilization of online platforms like Khan Academy to supplement her learning and reinforce difficult concepts.

#### **[Strategy 5] Enhancing Leadership Roles in STEM**

**Objective:**

Strengthen Zainab's leadership profile within STEM-related activities to highlight her initiative and organizational skills.

**How:**

Encourage Zainab to take on leadership roles in science clubs and initiate projects that align with her medical interests.

**Specific Plan:**

- Assist Zainab in identifying and pursuing leadership roles within her school's science club or initiating a health-themed project, like a student-run health awareness campaign.
- Guide her in starting a club or event focused on medical science topics, potentially collaborating with local healthcare providers.

## **[Strategy 6] Diversifying and Deepening Extracurricular Activities**

### **Objective:**

Broaden Zainab's extracurricular engagement to include more science-related activities, demonstrating her dedication to her medical aspirations.

### **How:**

Encourage participation in medical and science camps, clubs, and competitions to solidify her interest in the field.

### **Specific Plan:**

- Promote enrollment in summer medical or science camps to gain practical experience and knowledge.
- Encourage joining medical-related clubs at school and participating actively.
- Guide Zainab to compete in health and science competitions, showcasing her knowledge and commitment to the field.

By addressing these areas, Zainab can create a compelling and coherent application that aligns with her aspirations of entering the medical field, making her a robust candidate for Ivy Plus University.

### **Recommended Summer Programs**

Based on Zainab's strengths and interests, the following programs would be beneficial:

1. Art Camp or Residency Programs: Programs like RISD's Pre-College Art Program.
2. STEM Camps: Programs related to medicine or technology, such as Ivy Plus Pre-Collegiate Summer Institutes.
3. Sports Camps: Clinics and summer programs for volleyball or badminton.
4. Leadership Programs: Summer leadership camps focused on community service or civic engagement.
5. Journalism Workshops: Programs like the Northwestern University Medill-Northwestern Journalism Institute.

Zainab's multifaceted talents and proactive engagement in various fields position her as a strong candidate for Ivy Plus. Her dedication to art, athletics, STEM, and community service reflects a balanced approach to personal and intellectual growth, aligning well with Ivy Plus's culture of innovation and leadership.

## **Zainab 's Ideal Extracurricular Profile**

Zainab 's Ivy Plus-level profile emphasizes her artistic talents, athletic prowess, intellectual curiosity in STEM, leadership skills, community involvement, and diverse extracurricular

engagement. This profile is structured to highlight these strengths and suggest activities that align with her aspirations and potential majors.

## **1. Artistic Talent and Passion for Creativity**

### Participation and Recognition in Art Competitions

- Continue to enter and aim for top awards in local and national art competitions to gain recognition and showcase her artistic achievements.

### Art Exhibitions and Galleries

- Organize or participate in local art exhibitions or galleries to display her artwork. This creates opportunities for networking and gaining feedback from the art community.

### Artistic Club or Society

- Initiate or join an art club at school, aiming for a leadership position to mentor younger students and create a community of budding artists.

### Passion Project in Art and Design

- Develop a passion project, such as creating a content-rich art blog, a YouTube channel for art tutorials, or a collaborative art book, demonstrating her initiative and dedication to her craft.

## **2. Athleticism and Team Spirit**

### School Volleyball and Badminton Teams

- Continue involvement in the school's volleyball and badminton teams. Seek leadership roles such as team captain or assistant coach to demonstrate her leadership and teamwork skills.

### Sports Camps and Clinics

- Attend summer sports camps and clinics to hone her skills, gain advanced training, and network with athletes and coaches.

### Community Sports Programs

- Volunteer to assist with community sports programs or youth sports leagues, emphasizing her commitment to promoting physical activity and teamwork among younger students.

## **3. Intellectual Curiosity in STEM**

### Biomedical and STEM Research Opportunities

- Apply for summer research programs or internships in relevant fields, such as biomedical research labs, to gain hands-on experience and deepen her knowledge.

### STEM Competitions and Science Fairs

- Participate in STEM competitions and science fairs, targeting those with a focus on biology, human biology, or biomedical computation, to showcase her scientific projects and gain recognition.

#### Robotics and Multimedia Projects Club

- Join or initiate a robotics or multimedia club at school to explore the integration of creative and technical skills. Lead projects that combine art and technology, such as animation or 3D design.

#### Healthcare Volunteering

- Volunteer at local hospitals, clinics, or medical camps to gain exposure to the healthcare field and reinforce her aspirations to become a dermatologist.

### **4. Leadership and Community Involvement**

#### Local Library TeenReach Program

- Take an active role in the library's TeenReach program, developing initiatives to engage the youth in educational activities and leadership workshops.

#### Community Art and STEM Workshops

- Organize art and STEM workshops for local middle school students, focusing on underrepresented communities. This will emphasize her commitment to inclusivity and education.

#### Leadership Programs and Conferences

- Attend leadership programs or conferences such as those offered by HOBY or the National Student Leadership Conference to develop her skills and network with like-minded individuals.

### **5. Special Projects and Involvement**

#### Collaboration with Universities or Tech Companies

- Seek opportunities to collaborate with local universities or tech companies on projects or internships that intersect art, design, and technology. This will provide exposure to professional environments and advanced projects.

#### Hackathons and Creative Jams

- Engage in hackathons or creative jams focusing on innovations in healthcare, technology, and art. These events can provide platforms to showcase her interdisciplinary skills.

#### Interactive Art Installations

- Develop interactive art installations or digital art projects that explore the fusion of art and science, thereby enhancing her portfolio and demonstrating innovative thinking.

### **6. Summer Programs**

Based on Zainab's background and interests, the following programs are recommended:

1. Ivy Plus Pre-Collegiate Studies Program (Art and Creative Writing)
2. Rhode Island School of Design Pre-College Program
3. MIT Women's Technology Program
4. Brown University's Summer@Brown: STEM courses
5. Interlochen Arts Camp: Visual Arts Workshop

By focusing on these targeted extracurricular activities, Zainab can enhance her profile and present a compelling application to Ivy Plus, showcasing her multifaceted talents, intellectual vitality, and leadership potential.

## Zainab's Ideal Awards Profile

Zainab's awards should strongly reflect her diverse talents in art, athletics, STEM, and community service, as well as her intellectual curiosity and disciplined lifestyle. Recommended awards include:

### **1. Artistic Talent and Commitment**

- Scholastic Art & Writing Awards: To highlight her talent in drawing and painting, Zainab can submit her best works to this prestigious national competition.
- Congressional Art Competition: This is an excellent platform for her to showcase her artistic skills locally and potentially have her artwork displayed in the U.S. Capitol.

### **2. Athletic Involvement and Potential**

- Gatorade Player of the Year Award in Volleyball or Badminton: If Zainab excels in her sports, she could be a candidate for this award, which acknowledges high school athletes.
- AAU Junior Olympic Games: Competing and winning in these games can bolster her athletic profile considerably.

### **3. Intellectual Curiosity and STEM Engagement**

- Google Science Fair Awards: Given her interest in biology and the medical field, submitting a significant biology-related project could highlight her commitment.
- FIRST Robotics Competition Awards: Recognizing her involvement in robotics, participating in and winning these competitions can significantly enhance her profile.

### **4. Community Service and Volunteerism**

- Prudential Spirit of Community Awards: This award identifies youth volunteers who demonstrate concerted efforts in community service, consistent with Zainab's volunteering at the library.

- Jefferson Awards for Public Service (Students in Action): Recognizes outstanding community service efforts at the national level.

#### **5. Love for Reading and Academic Exploration**

- National Scholastic Press Association Awards (NSPA): If she engages significantly in journalism, earning recognition from these awards can emphasize her contribution to academic writing and journalism.

- Library of Congress Letters About Literature: Encourages students to write letters to authors explaining how their work impacted them, matching Zainab's passion for reading.

#### **6. Discipline and Routine**

- National Merit Scholarship Program: Her academic diligence and structured routine can make her a suitable candidate for this prestigious scholarship.

- Johns Hopkins Center for Talented Youth (CTY) Awards: If Zainab excels in their advanced academic programs or competitions, it could highlight her intellectual rigor.

#### **7. Creative Problem Solving and Innovation**

- Odyssey of the Mind Awards: Recognizes creative problem-solving skills in team-based projects, akin to her initiatives like real-life game implementations.

- Future Problem Solving Program International (FPSPI): Her ability to innovate and solve real-world problems could earn her recognition in this globally recognized competition.

#### **8. Well-Roundedness and Extracurricular Involvement**

- National Honor Society Membership: Being part of this society will represent her overall balance in academics, leadership, and service.

- Tri-M Music Honor Society Awards: If she pursues interests in music, this could underscore her well-rounded profile.

These awards would collectively underscore Zainab's diverse talents, leadership qualities, and readiness to contribute meaningfully to the Ivy Plus community.