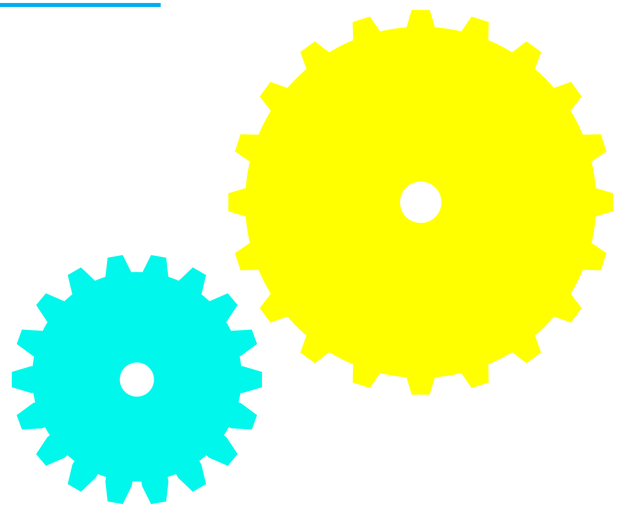
choices

process book



Amenda Wong

MassArt 2018

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How It All Started

hobbies › learning › choosing › career choices

I started with the idea of learning new things and exploring your interests through hobbies —being able to pick and choose what you like and what you are good at. A benefit of this would be gaining useful skills that you can develop in stages.

Then the direction of this project developed into helping people find a career that was a good fit with their skills and interests.

My Experience

- **clueless**
- **no direction**
- **waste of time**

I always knew I liked art or anything to do with being creative, but I didn't find out about graphic design until I was about to graduate from high school. If I had known about it earlier, I could have spent more time preparing and developing my skills for that.

I remember in high school, taking a very long career questionnaire. At the end of it, it told me I should pursue something in the creative field. I was so frustrated, because I already knew that. The questionnaire was pointless. I wanted more direction in this important life-decision.

Motivation

Many of my classmates in high school seemed to collectively struggle with finding and choosing the right career path for themselves. There was a lot of anxiousness in the approaching next stages of our lives.

I remember having a friend who didn't know what she wanted to do or what she was good at so she just went into accounting. Unfortunate because we have the opportunity to pursue something we enjoy. People work most of their lives. Currently, there's plenty of available job opportunities. These are evident in all the startups in Boston. People no longer have to get a job just for the sake of getting a job.

People do a better job when they are passionate about what they do.

Paid Passion

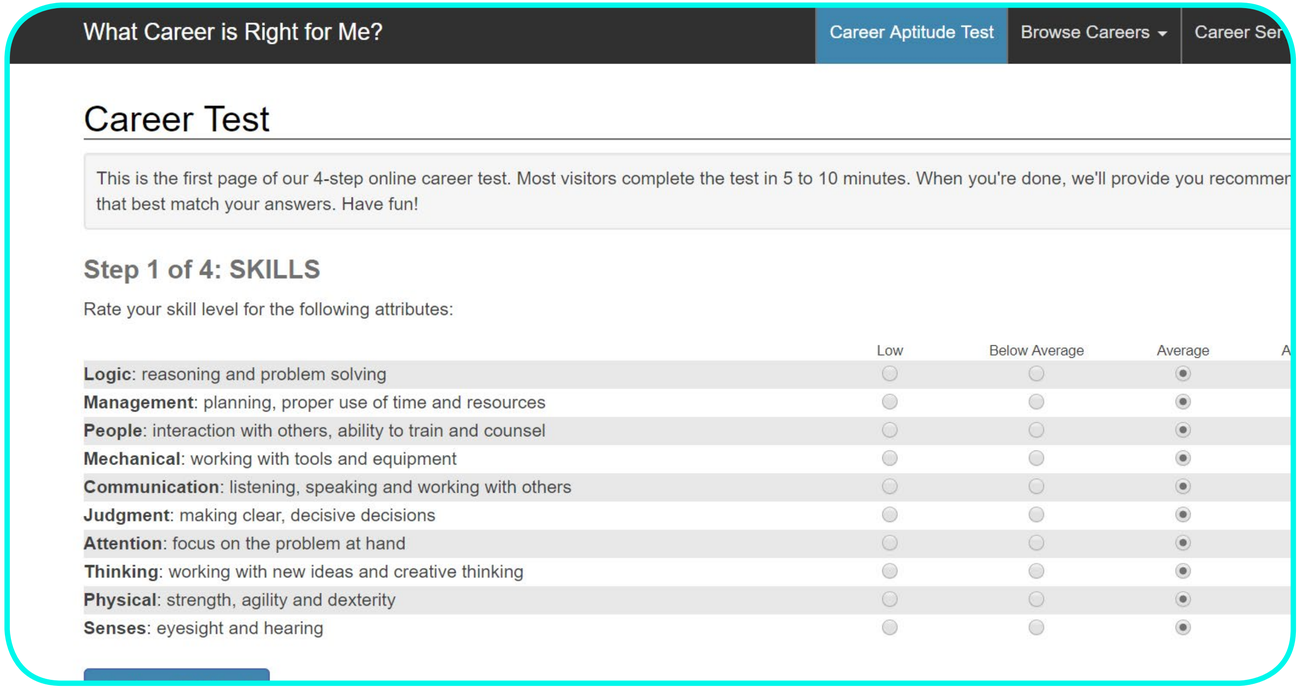
This platform helps young people find their passion and turn it into a career.

Many people do not know what they like to do or what they are good at. Young people especially, are overwhelmed with their future and choices. It can be difficult to know where to start. This system will help kids find their interests and pursue them professionally in a time and cost efficient manner. By trying out starter kits, they can dabble in different fields to ultimately find a passion.

They can continue learning with more challenging material with the support of outside resources such as recommended books or knowlege from experienced professionals. This resource would also be useful for people who may want to acquire a new skill-based hobby or join a community.

This platform would be personalized, tracking the interests, skills, and learning styles of the individual to provide a fun and seamless experience. It would also give insight into what it would be like working in a specific field and inform you of the skills that it requires while matching and helping you develop your skillset for a potential career.

Research: Round 1



https://www.whatcareerisrightforme.com/

https://dus.psu.edu/mentor/2013/06/disconnect-choosing-major/
https://sites.laverne.edu/careers/what-can-i-do-with-my-major/
https://www.themuse.com/advice/the-11-best-career-quizzes-to-help-you-find-your-dream-job
https://www.monster.com/career-advice/article/new-career-path-hot-jobs
https://www.cnbc.com/2017/03/03/the-10-highest-paying-in-demand-jobs-for-young-people
https://www.careerbuilder.com/advice/15-top-jobs-for-younger-workers

Research:

- many long and boring quizzes
- overwhelming career choices
- suggestions for general audience
- focus on current market trends

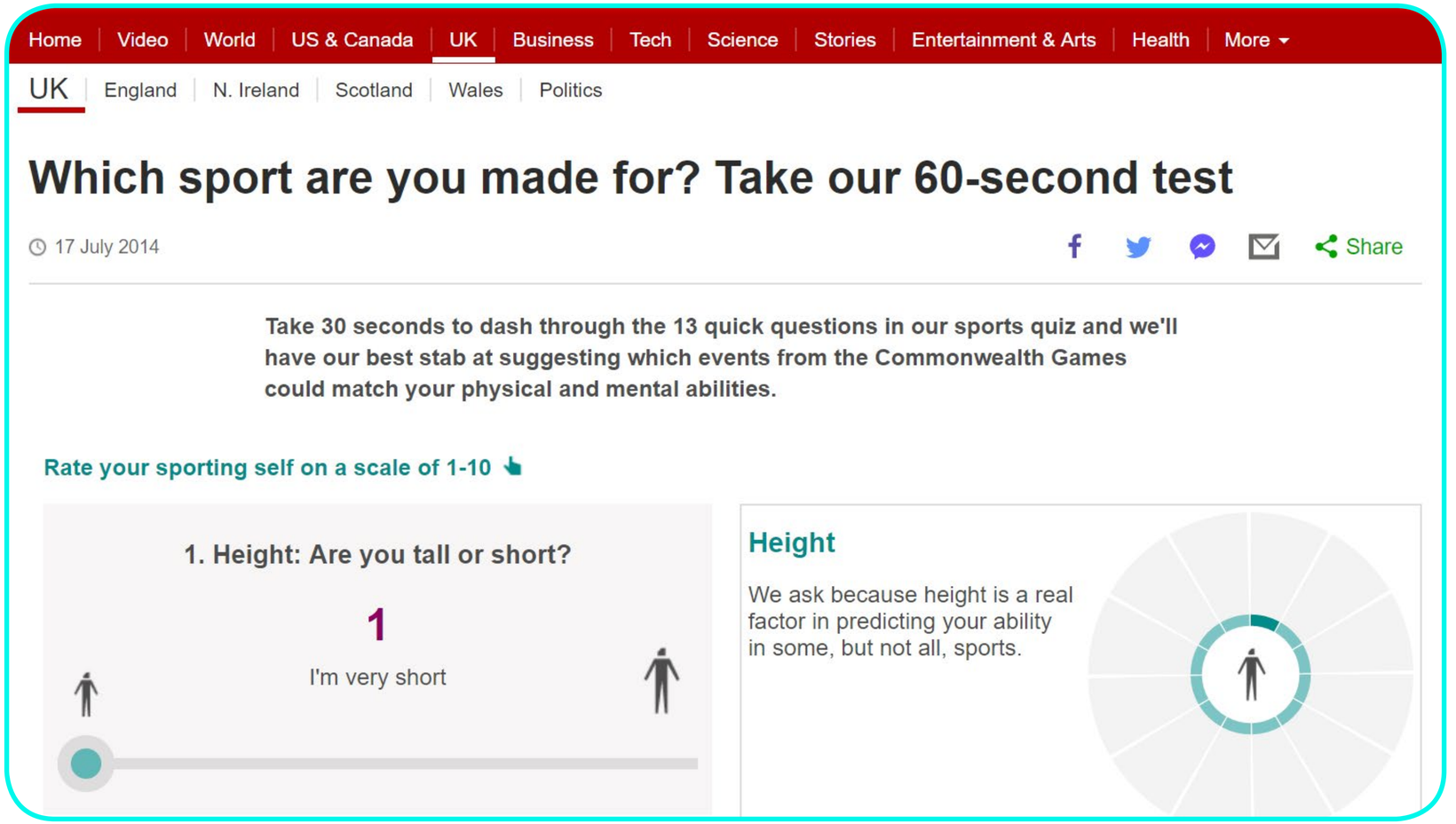
Paid Passion

This platform helps young people find their passion and turn it into a career.

At a young age, kids and teenagers don't know what their career choices are. When asked what their passion is or what they want to be in the future, they simply do not have the experience to know exactly what they want to do. Faced with making decisions that seem to dictate the rest of their lives is a daunting choice, and they don't know where to start, but we can help them by starting conversations to help them match their passions and skills with possible career choices. And we can start this process at an earlier age and integrate it with their lives such as in school and at home.

Research: Round 2

Which sport are you made for? Take our 60-second test



What I liked:

- simplicity and type of questions
- pairing of questions with images
- chart showing attributes
- explanations

http://www.bbc.com/news/uk-28062001

The Passion Myth: Why Teens Struggle to Find Their Purpose in Life

https://www.huffingtonpost.com/todd-kestin/the-passion-myth-why-teen_b_6503226.html

Every odd job or random opportunity was a stepping stone toward my ultimate calling. I learned things about myself I never would have known had I sat and thought on the subject. Over time the picture of my abilities and interests became clearer and clearer, eventually guiding me toward the work I love and do today.

I didn't need to discover my ultimate purpose at 18. I couldn't. Chances are you can't either.

You can no longer wait for passion to arrive; it won't knock you on the head as you sit patiently whiling away the hours. You must start experiencing all that life has to offer, paying attention to the clues you find while you're busy living.

Those clues will lead you to your passion, but it's up to you to take those all important steps forward.

Research: Round 2

From Parent Toolkit: How to Help My Young Adult Find Their Purpose

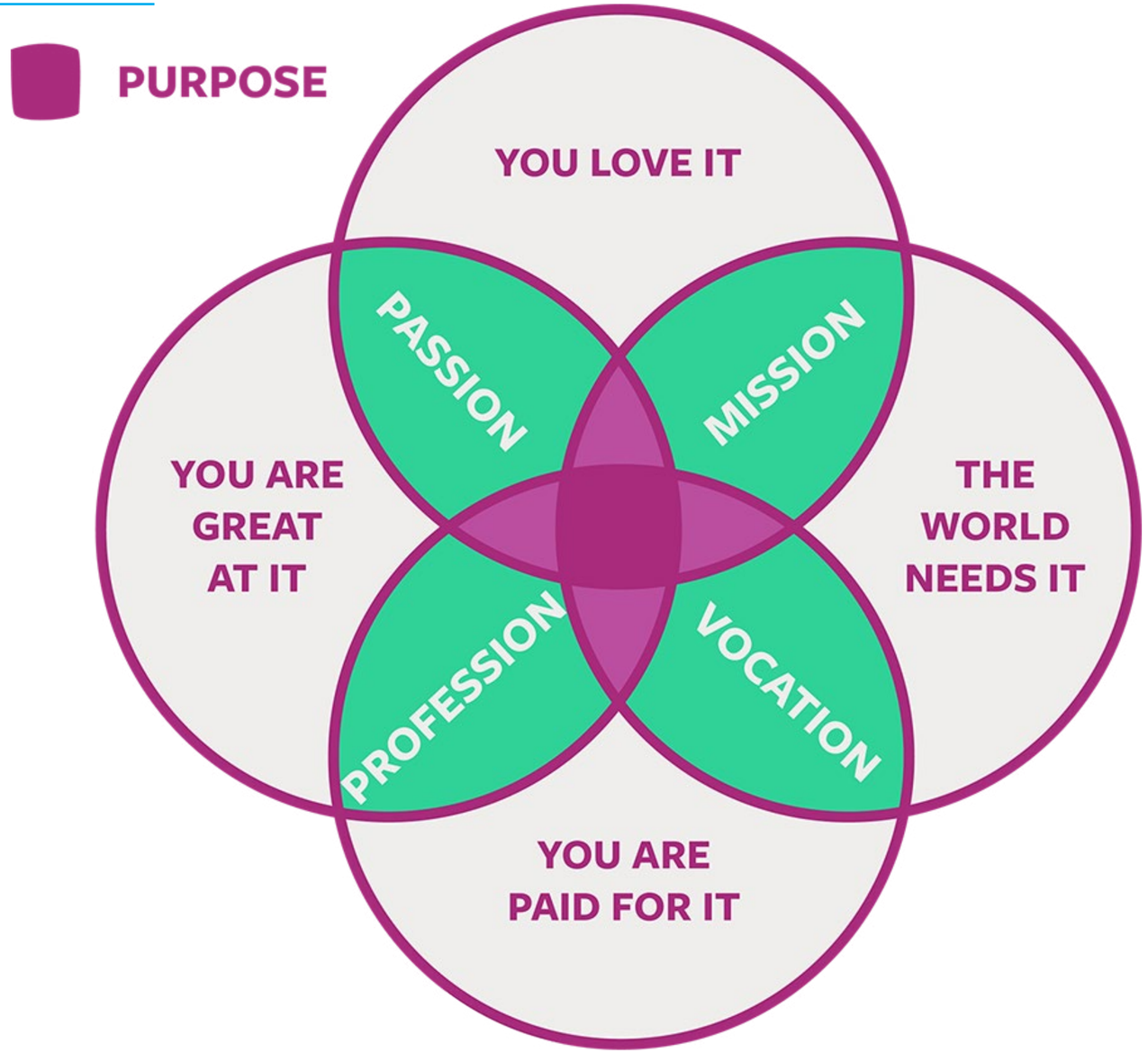
https://www.parenttoolkit.com/social-and-emotional-development/advice/self-awareness/how-to-help-my-young-adult-find-their-purpose

Asking “what is your purpose?” or “what is your passion?” may not be the best entry point for helping young adults find a meaningful path in life that is both fulfilling and sustainable. Jane Horrowitz, a career coach for young adults, says she has found that it’s unrealistic to expect young people to know what their passion is. “They don’t have enough experience yet to really figure it out,” Horrowitz says. “The idea of finding their passion puts too much pressure on them.” Instead, start a dialogue that gets your young adult thinking about why exactly they like what they like, what their strengths and values are, and how those fit in with possible careers and life goals. Questions about their contribution to the world help get them thinking about direction. “Jobs come and go but asking how you want to make a difference offers a trajectory,” Miller says.

National Urban Alliance scholar Yvette Jackson suggests thinking about all the different areas related to one specific interest. “For instance, if the student is interested in comic book design, the related studies include graphic arts, literature, computer graphics, political science, psychology, logic, writing,” Jackson says. “This leads to a discussion of professions and broadens a child’s frame of reference of possibilities that they may not have considered as future study, college majors, or occupations.”

Jennifer Tanner, developmental psychologist and co-founder of the Society for the Study of Emerging Adulthood, emphasizes that there a million ways to make a living, but asks, so what? “The missing piece is purpose,” Tanner says. “How are you going to contribute yourself - your gifts, your passions, your interests - to the world? We need every emerging adults’ energies focused on what their contribution is going to be. It is absolutely critical for an emerging adults’ sense of well-being. This feeds their intrinsic motivational needs for autonomy, belonging, and competence.

Research: Round 2



Sense of youthful purpose driven by action, passion, says Stanford researcher

Stanford education Professor William Damon says that research shows that while young people can sometimes struggle with a sense of purpose, they are likely to find it in concrete and action-oriented goals.

https://news.stanford.edu/2015/04/14/purpose-youth-damon-041415/

Encouraging a sense of meaning and purpose in young people often comes down to a "beyond-the-self" way of orienting to the world, a Stanford expert says.

Do young people struggle with purpose and meaning?

Of course, as do many people later in life. Purpose requires both a personal desire to accomplish something meaningful to the self and a commitment to take the actions needed to do so. Some people struggle because they feel their lives are full of obligatory actions that have no personal meaning. Others struggle because they have trouble developing an action plan they can commit to. These difficulties can arise at any age, but young people in particular may struggle with them – some if they feel forced to engage in activities that lack meaning and others because they have not yet learned how to follow up aspirations with appropriate actions.

Why is "beyond-the-self" thinking important for young people?

Especially in these days of intense focus on individual performance and status, a real risk in the development of today's young is self-absorption. For the sake of both their mental health and their character development, all young people need to hear the message "It's not about you," every now and then. Finding a purpose that con-tributes to the world beyond the self is a premier way of tuning in to that message. Consider a common example: As early as age 4 or 5, a child can be asked to help out in the home, such as by watering the plants or feeding a pet. When children help out with such tasks, they acquire a sense of service to their families. Eventually, this sense of service generalizes to other sectors of the world beyond the self.

Children take pride in what they accomplish. Service to others, even in the form of childhood responsibilities, can build a capacity for purpose that endures into later life.

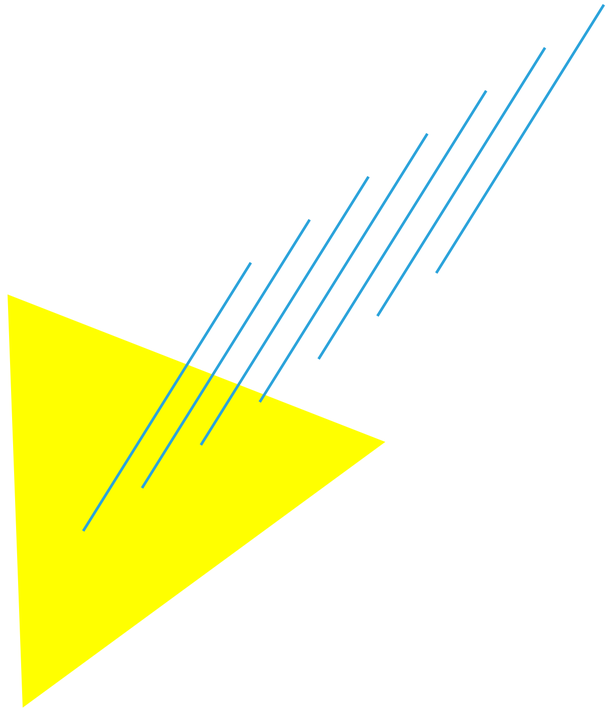
How can adults, teachers and parents help educate the young about purpose and meaning?

Parents, teachers and other adults can nurture sparks of realiza-tion. We also found that purposeful youth had chances to observe admired people in their lives who themselves were pursuing purposes they believed in. Parents can model for the child a dedication to a purposeful goal. Rarely, however, did we find that

purposeful youngsters found their choices in direct instructions from parents or other adults. Rather, young people tend to choose from the menu of options that they are exposed to by parents, teachers, and other adults. One thing, therefore, that adults can do for young people is to present them with a full palette of possibilities that align with the “sparks” that the young people express. To be of help, adults must be good listeners when young people discuss their interests.

Is it more challenging in today’s world for young people to focus on purpose and meaning?

Also, choices create uncertainty, which can be frightening. In prior times, when the major choices about vocation, family and community location were settled by age 20 or so, there was less room for agonizing about what to do in life than exists in our time, in which many young people are still searching at age 30 or later. But my sense is that such delay is not itself a problem, as long as there is learning and forward movement during this extended period of choice-making. In fact, for many, such delay offers the opportunity to make sounder and more interesting choices for the kinds of lives they want to lead and the kinds of people they want to be.



Paid Passion

At a young age, kids and teenagers don't know what their career choices are. This platform helps kids learn what their passion are and what career possibilities are available for them based on their passion and skills. We can equip the people around them help kids start thinking about these things so that they are not completely unprepared and overwhelmed when they are making future life decisions. And we can start this process at an earlier age and integrate it with their lives such as in school and at home. Help them connect to people in the field, help them gain experience. We don't know what the future will be like and what jobs will be in demand or antiquated by that time. That is why we should encourage kids to always learn and be updated on their skills.

Research: Round 3

What do you want to be when you grow up?

https://www.thebalance.com/what-do-you-want-to-be-when-you-grow-up-2059788

If you're lucky enough to have a passionate interest, it's a good place to start exploring the options for what you could do. Maybe you love to sing, but you know that your chances of making it as a singer are slim because there's so much competition. What about other jobs where you can take advantage of your musical talents -- maybe as a teacher or as a sound engineer?

If you love to perform, you are probably an outgoing person who enjoys being with people. These qualities are essential for most sales jobs. Cool jobs might be hard to get, but some people are lucky enough to get them. Why not you?

Keep in mind, skills pay the bills. You don't need a Ph.D. to get a good job, but most of the "best jobs" in the fastest growing fields require specialized training, beyond what you'll get in high school.

Research: Round 3

How to Get Started

1. Make a list of 5 - 10 jobs that you've thought about. If you need more ideas, here's a long list of different job possibilities. Keep in mind that you can always remove and add jobs from the list as you learn more about what you like - and don't like - about them.

2. Organize the list, putting your favorites at the top. For your top three choices, list the positives and negatives. For example, if "veterinarian" is at the top of your list, a positive reason for choosing this field is that you love working with animals. On the negative side, it takes eight years of college to become a vet, and it's not easy to get into vet school. Listing positives and negatives will help you start figuring out what's important to you. For example, starting your own business is a big commitment.

Is it more important to you to be your own boss, or would you rather have more time for your family?

3. Now that you've got your list, take some career tests. Compare the results to the list you made. If you find a match, it's a good place to start digging deeper. Don't worry if you get a result you don't like at all. The tests aren't perfect, and you can just cross off the jobs that have zero appeal to you.

4. Talk to a teacher or guidance counselor. This might sound like a weird idea, but a good teacher will likely have some smart things to say about your ideas and your talents. Start the conversation by bringing in your list. It will show her or him that you're serious. If you don't like what the teacher has to say, you don't have to follow the advice -- but it won't hurt to hear it. The more people you talk to, the more ideas you'll get.

5. Learn more about the job by doing some online research. Here are some places to find detailed job descriptions.

What kind of training do you need to get the job?

Does it require a college education? If it does, what kinds of classes would you need to take? Can you handle the courses?

If the job doesn't require a college degree, does it require specialty training? Are there programs in your area or would you have to move somewhere else? If you joined the military, could you get the specialized training you'd need for the job?

How much does the job pay? If the answer is "not much," is that important to you?

Would you work regular hours or does the job require a flexible schedule?

Does the job sound too stressful or too boring?

Do you think the job would be fun to do? People spend a lot of time working, so it's important to enjoy what you do.

6. Learn even more by testing out career options. Does your high school or college have a job shadowing program? You may be able to spend time with professionals who work at the jobs you're interested in to get the scoop on what they are really like. Spending a few hours or a day on the job, is a great way to get inside information. Volunteering or doing an internship are other ways you can learn more about a role before you

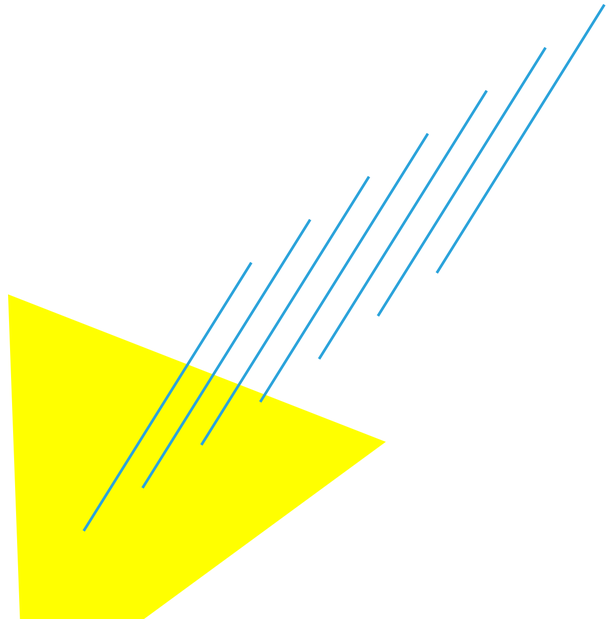
decide to pursue it. The more information you have, the easier it will be to make a decision.

Stay Flexible and Open to New Ideas

Over time, you'll discover that some doors close, but other doors open. For example, if you really thought you wanted to become a doctor but you got a B-minus in organic chemistry. With that B-minus, you may not be able to get into medical school, but there are hundreds of health-related jobs that don't require organic chemistry or won't hold that grade against you. Some of these jobs are just as fulfilling as being a doctor, pay well, and leave more time for a personal life.

People change over time, and so does the job market. Your grandparents would never have planned for a job in computers because there weren't any. Now millions of people have jobs that are part of the computer industry - whether they work for an internet company, write code or sell products in the Apple store.

You can't plan for jobs that don't yet exist, but you can bet that most jobs in new industries will require that you know some computer skills and can write a typo-free note or email. The more skilled you are at the basics (reading, writing, arithmetic), the better your chances at whatever comes along.



65% of today's schoolchildren will eventually be employed in jobs that have yet to be created.

Technology has already eradicated many jobs. For example, the elevator operator, pinsetter, copy boy, iceman, milkman, switchboard operator, typist, telegraph operator – all jobs that are almost extinct. The list is growing longer day by day.

Both educators and businesses have a daunting task ahead of them: teach students and employees skills to solve problems we've never seen before and won't see for years.

Many other jobs may stick around for a while but expectations and qualifications will evolve. Consider the librarian. Digitization and the Internet require less of a need for a person to be physically present. But research of a vast collection of resources and information is daunting for many people. The librarian of the past was an expert with the Dewey Decimal System. The new librarian will be a digital archivist, savvy with searches, keywords and helpful websites.

Stock brokers and accountants beware too. A stock broker used to be the go-to person to handle all of your investments. Today the order-take stock broker is a dinosaur. The same goes for the tax-preparing accountant. Software and off-shoring has made preparation and filing tax forms easy. Consumers and businesses will retain accountants to offer them business and financial advice, not fill and file forms.

https://www.successperformancesolutions.com/65-percent-of-todays-students-will-be-employed-in-jobs-that-dont-exist-yet/

Interesting Finds

Don’t worry so much about what you want to be when you grow up, think about what you want your life to look like.

http://www.refinery29.com/what-do-you-want-to-be-when-you-grow-up-answer

Interesting Finds

Simply asking “what is your purpose?” or “what is your passion?” may not be the best entry point for helping young adults find a meaningful path in life that is both fulfilling and sustainable.

https://www.parenttoolkit.com/social-and-emotional-development/advice/self-awareness/how-to-help-my-young-adult-find-their-purpose

Interesting Finds

Kids tell what they want to be when they grow up:

https://www.youtube.com/watch?v=_4F-ylzL-X4
https://www.youtube.com/watch?v=RUup841pZrs

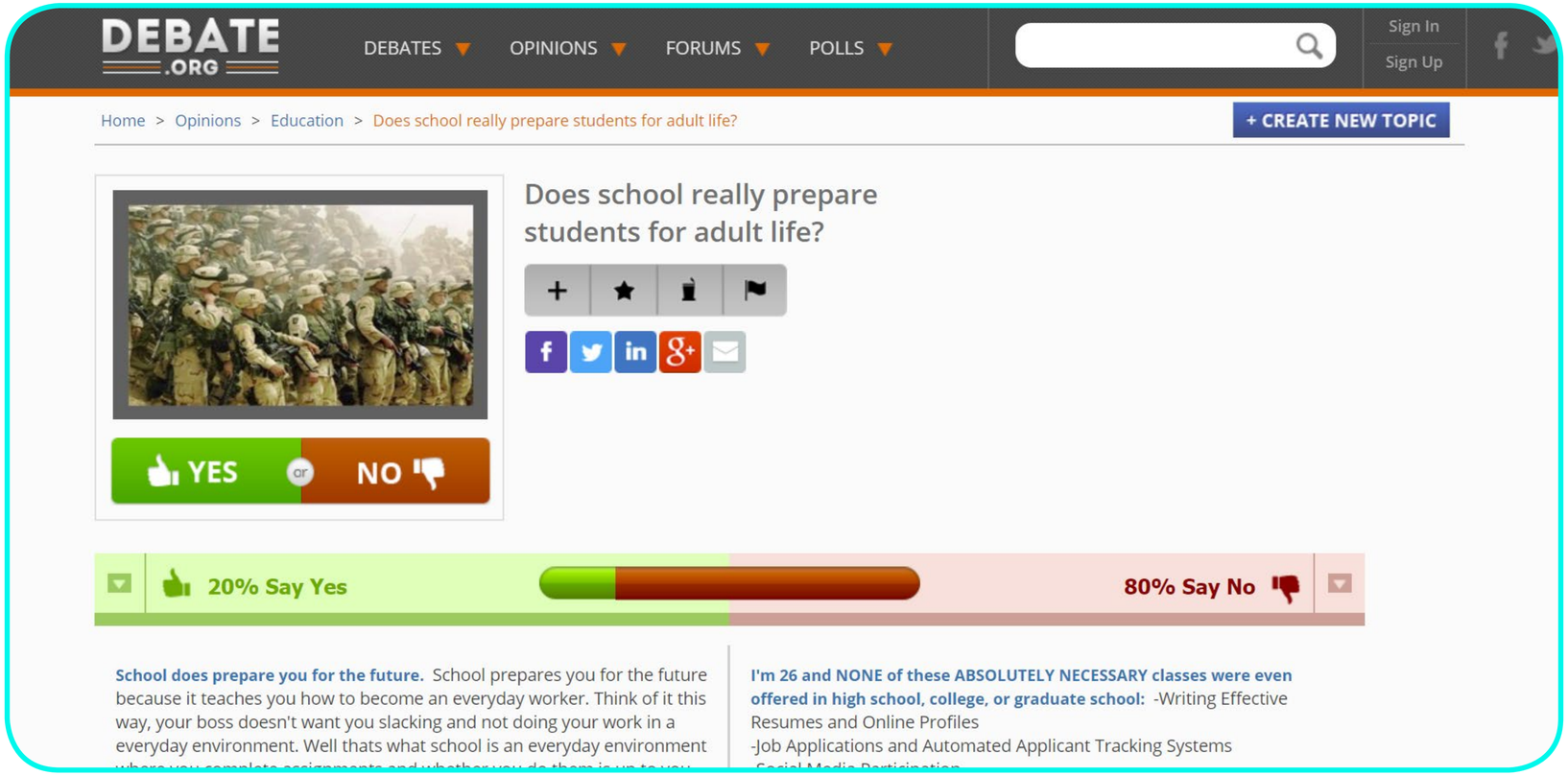
Questions:

How to start younger and integrate it with the system?

How do we get teachers and parents involved in the right way? Maybe even peers or mentors?

Interesting Finds

Does school really prepare students for adult life? Debate:



http://www.debate.org/opinions/does-school-really-prepare-students-for-adult-life
https://mom.me/kids/11941-what-do-you-want-be-when-you-grow/

Paid Passion

Find your passion and turn it into a career.

At a young age, kids don't know what their career choices are. By the time they are in high school, many do not have the experience to know exactly what they want to do. Faced with making decisions that seem to dictate the rest of their lives is a daunting choice, and they don't know where to start. This platform helps guide kids as early as elementary school by first helping them to learn about their interests and skills while utilizing the education system to do so, then showing what career possibilities are available for them based on their personal profile. Then it will help them gain more knowledge and experience in a particular field while helping them to learn about the professional world. If they've found a field they like, they can continue to pursue it, and if they don't, it still results in gaining experience and learning more about yourself.

Question:

How do I explain the overview of the project without getting too detailed?

Additional Research

Talks about more than just book smarts, but resilience, soft skills, and communication skills that kids have and need to succeed. Skills that aren't measured simply by grades in school.
https://qz.com/656900/schools-are-finally-teaching-what-kids-need-to-be-successful-in-life/

A personal pursue your passion story and advice.
https://www.themuse.com/advice/do-what-you-love-how-to-identify-pursue-your-passions

An explanation and debate on why school is prison and that joyful learning requires freedom. Refers to a psychology study book on why kids hate school. They are forced to memorized and follow rules.
https://www.psychologytoday.com/blog/freedom-learn/200909/why-don-t-students-school-well-duhhhh

Additional Research

Why Don’t Students Like School? Book

https://www.aft.org/sites/default/files/periodicals/WILLINGHAM%282%29.pdf

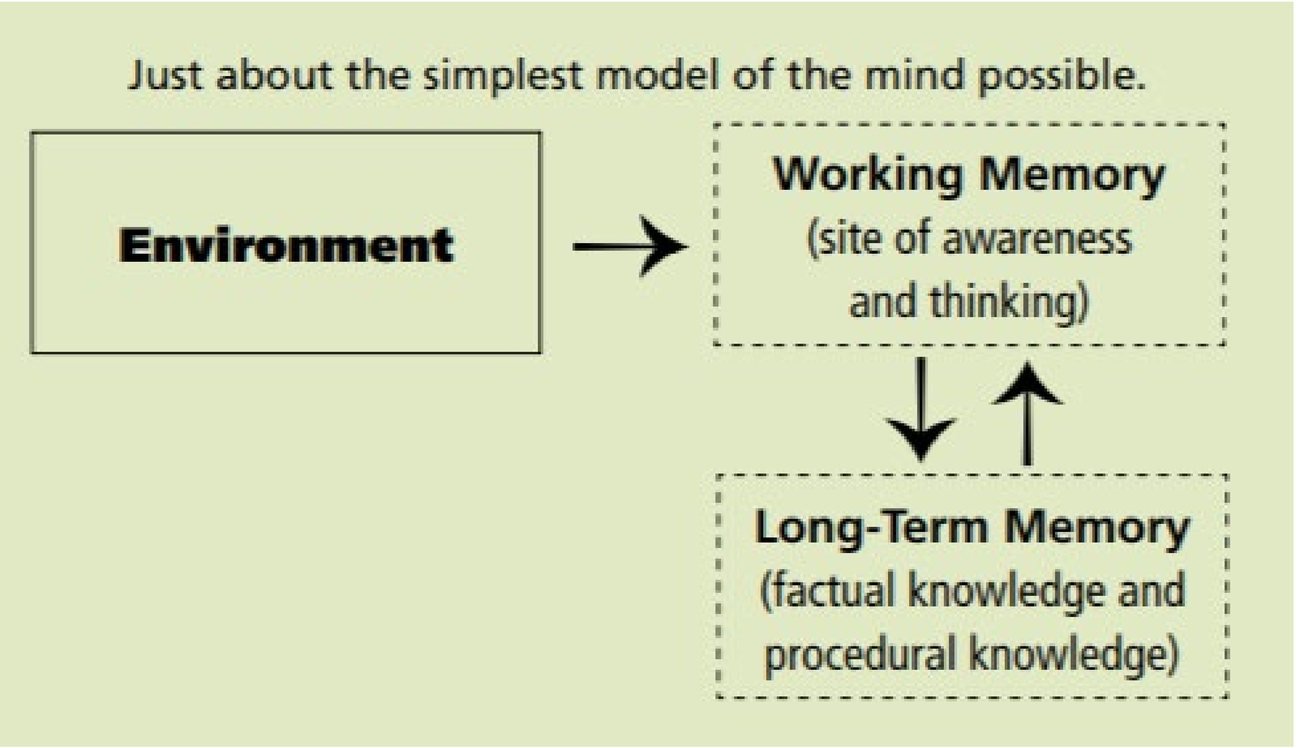
Using memory doesn’t require much of your attention, so you are free to daydream,

People Are Naturally Curious, But Curiosity Is Fragile

Even though our brains are not set up for very efficient thinking, people actually enjoy mental activity, at least in some circumstances. They have hobbies like solving crossword puzzles or scrutinizing maps. They watch information-packed documentaries. They pursue careers—such as teaching—that offer greater mental challenge than competing careers, even if the pay is lower. Not only are they willing to think, they intentionally seek out situations that demand thought. Solving problems brings pleasure.

When I say “problem solving” here, I mean any cognitive work that succeeds; it might be understanding a difficult passage of prose, planning a garden, or sizing up an investment opportunity. There is a sense of satisfaction, of fulfillment, in successful thinking. In the last 10 years, neuroscientists have discovered that there is overlap in the brain areas and chemicals that are important in learning and those that are important in the brain’s natural reward system. Many neuroscientists suspect that the two systems are related, even though they haven’t worked out the explicit tie between them yet. It’s notable too that the pleasure is in the solving of the problem. Working on a problem with no sense that you’re making progress is not pleasurable. In fact, it’s frustrating. And there’s not great pleasure in simply knowing the answer either. I told you the solution to the candle problem; did you get any fun out of it? Think how much more fun it would have been if you had solved it yourself—in fact, the problem would have seemed more When we can get away with it, we don’t think. Instead, we rely on memory. Most of the problems you face are ones you’ve solved before, so you just do what you’ve done in the past. even as you’re stopping at red lights, passing cars, watching for pedestrians, and so on. F or education, the implications of this section sound rather grim. If people are bad at thinking and try to avoid it, what does that say about their attitudes toward school? Fortunately, despite the fact that we’re not that good at it, we actually like to think. But because thinking is so hard, the conditions have to be right for this curiosity to thrive, and we quit thinking rather readily. The next section explains when we like to think and when we don’t. AMERICAN EDUCATOR | SPRING 2009 7 clever, just as a joke that you get is funnier than a joke that has to be explained. Even if someone doesn’t tell you the answer to a

Additional Research



problem, once you've had too many hints you lose the sense that you've solved the problem and getting the answer doesn't bring the same mental snap of satisfaction. Mental work appeals to us because it offers the opportunity for that pleasant feeling when it succeeds. But not all types of thinking are equally attractive. People choose to work crossword puzzles, but not algebra problems. A biography of the vocalist Bono is more likely to sell well than a biography of the poet Keats. What characterizes the mental activity that people enjoy? The answer most people would give may seem obvious. "I think crossword puzzles are fun and Bono is cool, but math is boring and so is Keats." In other words, it's the content that matters. But I don't think that content drives interest. We've all attended a lecture or watched a TV show (perhaps against our will) about a subject we thought we weren't interested in, only to find ourselves fascinated.

So if content is not enough to keep your attention, when does curiosity have staying power? The answer may lie in the difficulty of the problem. If we get a little burst of pleasure from solving a problem, then there's no point in working on a problem that is too easy—there'll be no pleasure when it's solved because it didn't feel like much of a problem in the first place. Then too, when you size up a problem as very difficult, you are judging that you're unlikely to solve it, and therefore unlikely to get the satisfaction that would come with the solution. So there is no inconsistency in claiming that people avoid thought and in claiming that people are naturally curious—curiosity prompts people to explore new ideas and problems, but when they do, they quickly evaluate how much mental work it will take to solve the problem. If it's too much or too little, people stop working on the problem if they can.

Additional Research

How Can Learning Facts Make Thinking More Enjoyable—and More Effective?

(basically memory and evaluating information)

You are not smart or dumb and make it in education based on this lottery system, but many countries see intelligence as malleable -if you fail at a test, it's not because you are dumb, just that you haven't worked enough at it yet.

Respect Students' Limited Knowledge and Space in Working Memory When trying to develop effective mental challenges for your students, bear in mind the cognitive limitations discussed here. For example, suppose you began a history lesson with a question: "You've all heard of the Boston Tea Party; why do you suppose the colonists dressed as Indians and dumped tea in the Boston harbor?" Do your students have the necessary background knowledge in memory to consider this question? What do they know about the relationship of the colonies and the British crown in 1773? Do they know about the social and economic significance of tea? Could they generate reasonable alternative courses of action? If they lack the appropriate background knowledge, the question you pose will quickly be judged as "boring." If students lack the background knowledge to engage with a problem, save it for another time when they have the knowledge they need.

Summarized: Keep it related to their previous knowledge and memory while leaving enough room for them to try and figure the problem out.

Change the Pace Change grabs attention, as you no doubt know. When you change topics, start a new activity, or in some other way show that you are shifting gears, virtually every student's attention comes back to you. So plan these shifts and monitor your class's attention to see whether you need to make them more often or less frequently.

Paid Passion

Find your passion and turn it into a career.

Everyone needs to make decisions. You do this by weighing all the different factors that go into the decision, but this can be difficult when you don't know what to look for or how to begin. At a young age, kids don't know how to approach their future. Faced with making decisions that seem to dictate the rest of their lives is a daunting choice, and they don't know where to start.

Choices is a website that helps guide kids as early as elementary school by first helping them to learn about their interests and skills and even their personality while utilizing the education system to do so, then showing what career possibilities are available for them based on their personal profile. Then it will help them gain more knowledge and experience in a particular field while helping them to learn about the professional world. Because this platform will grow with the user, it will be useful to explore and track all the factors that go into future decision making.

Choices

Find your passion and turn it into a career.

Everyone needs to make decisions. You do this by weighing all the different factors that go into the decision, but this can be difficult when you don't know what to look for or how to begin. At a young age, kids don't know how to approach their future. Faced with making decisions that seem to dictate the rest of their lives is a daunting choice, and they don't know where to start.

Choices is a website that helps guide kids as early as elementary school by helping them to learn about their own interests and skills, and even personality while utilizing the education system to help build their profile. As the user expands more on their personal profile, career suggestions will be customized to fit the individual. From there, the user can gain more knowledge and experience in a field they wish to explore. Because this website keeps track of the factors that go into your decision making, you can confidently start approaching your future.

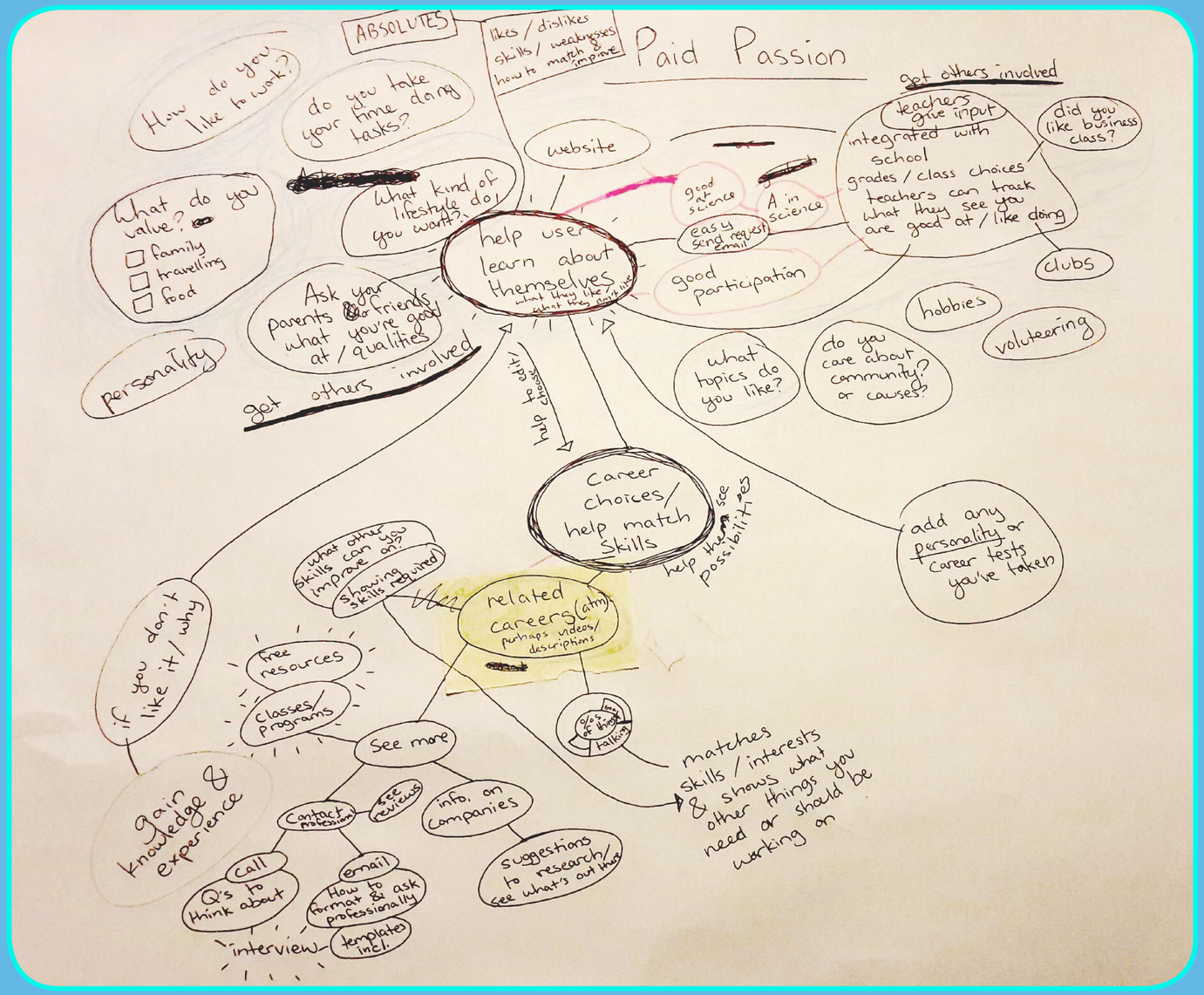
When you were a kid, did you know what you wanted to do for the rest of your life?

Kids want to be equipped for their future careers and teachers want to equip them.

An estimated **20-50%** of students enter college as “undecided”.

80% of college students nationwide change their major at least once before graduating.

Wireframing



Wireframing

1. Helping them learn about themselves.
2. Use their profile to match them with careers.

Grades:

Science	C+
Math	B-
English	A

1. Helping them learn about themselves.
2. Use their profile to match them with careers.
3. Help them take action!

Sally Blue - Sales Representative at Parks

call

questions to think about

email

see professional templates

1. Helping them learn about themselves.
2. Use their profile to match them with careers.
3. Help them take action!

Outgoing personality

Human resources manager
Nurse
Public relations
Sales representative

1. Helping them learn about themselves.
2. Use their profile to match them with careers.
3. Help them take action!
4. **Learn more about themselves through knowledge and experience.**

Goals

- Personalized platform
- Tracking the interests and skills
- Fun and seamless experience
- Give insight into a career field and the required skills
- Helping you develop your skillsets

Pros to This System

- Finding their passion(s) much earlier
- Using their time as a student to explore and learn
- Utilizing school and the people around them in a more helpful way to prepare for the future

Lato light italic

Lato regular

Lato bold

Lato is designed to be used as a web font.
Because of its roundness and simplicity,
it is kid–friendly.

Notes

Keep it visual for target audience being kids
Grow with age
Reads your pattern
Can pass onto different schools if student switches
Suggests jobs that you don't consider
Connecting jobs with clear reasons
Translate into experience
Show only what is accessible to individual
Figure out how to group
Audience is always exposed to very rich media, visuals need to match
Prototype one example
How to discover what you love
Give interactive experience
Include multiple ways your user can learn

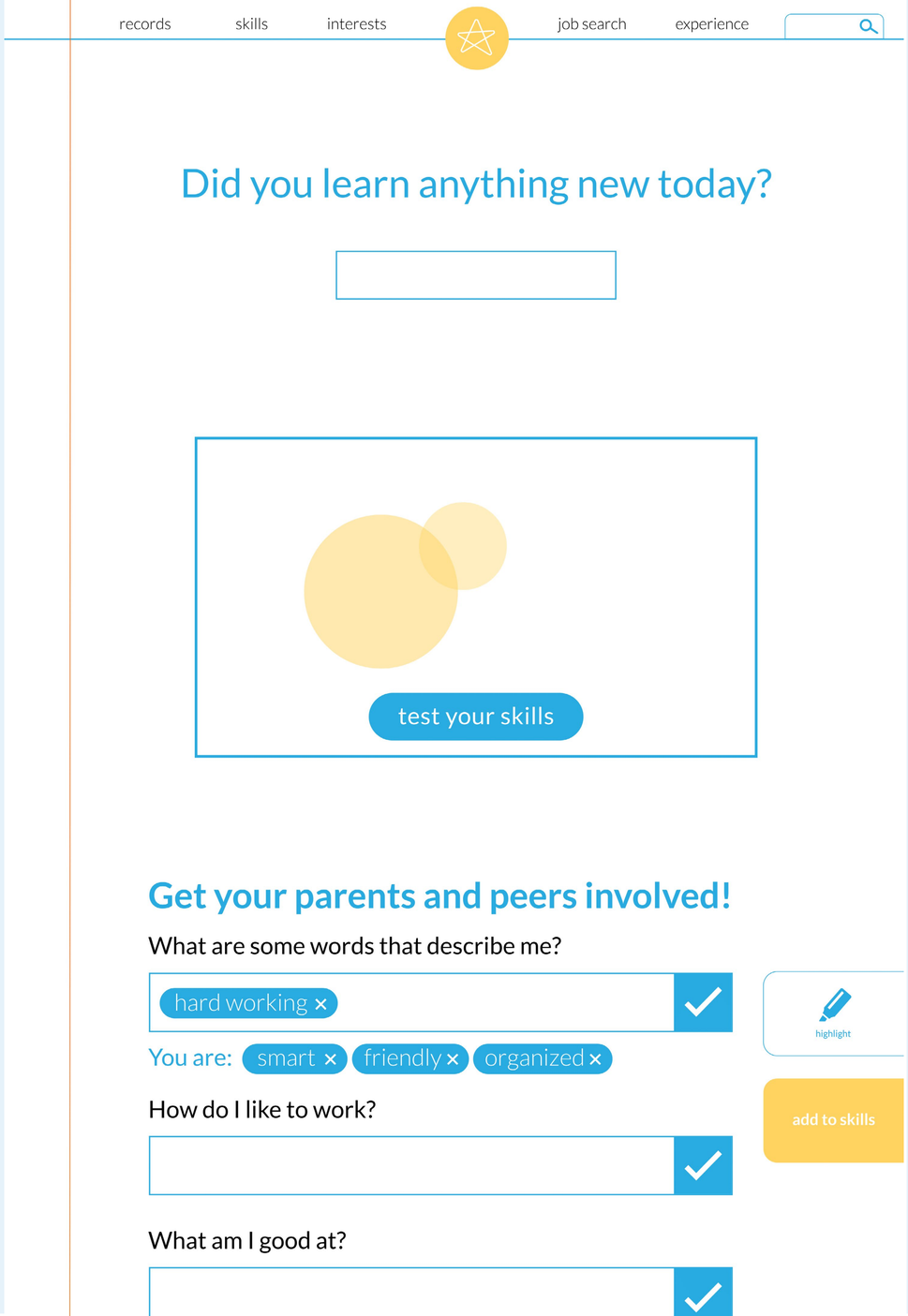
Some people get a job just because they have to.
With this system, you don't have to do that.

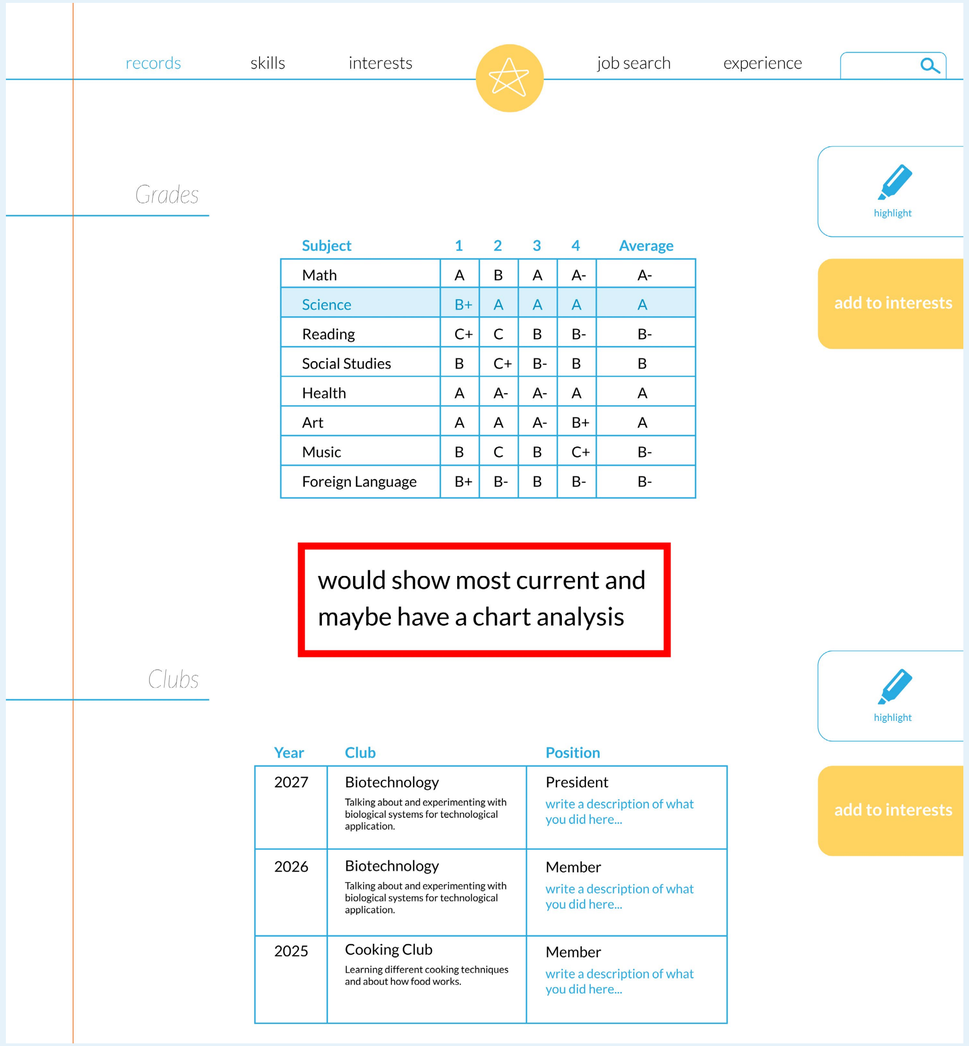
Color Scheme

Playful colors for a young audience.

Prototype 1

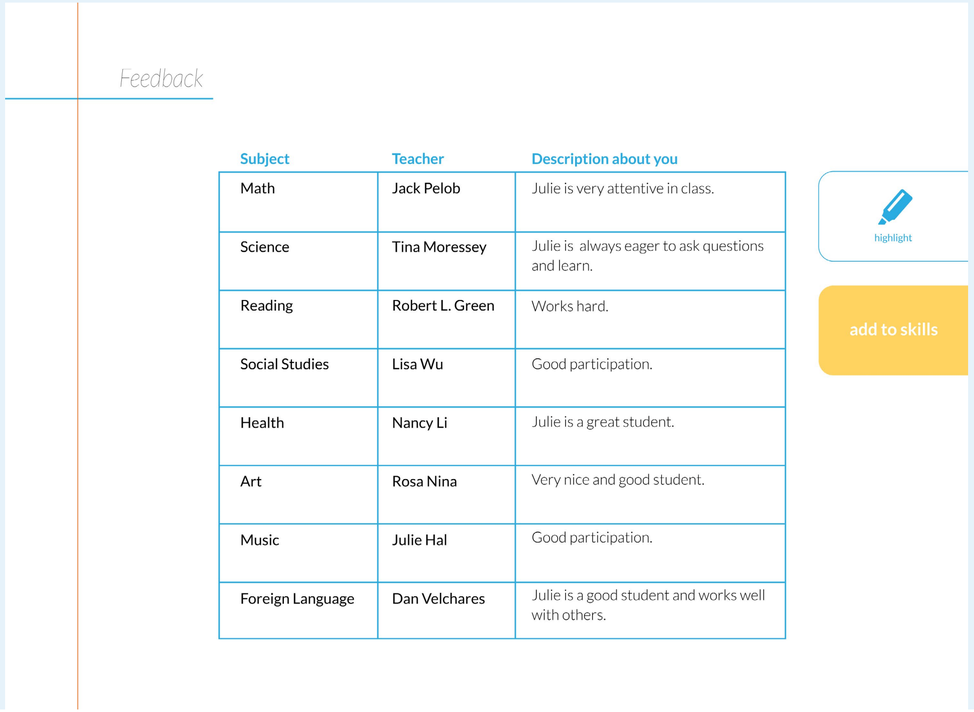
This is the landing page which includes interactive things from other pages to engage the user. The design references typical lined paper that is used in schools.

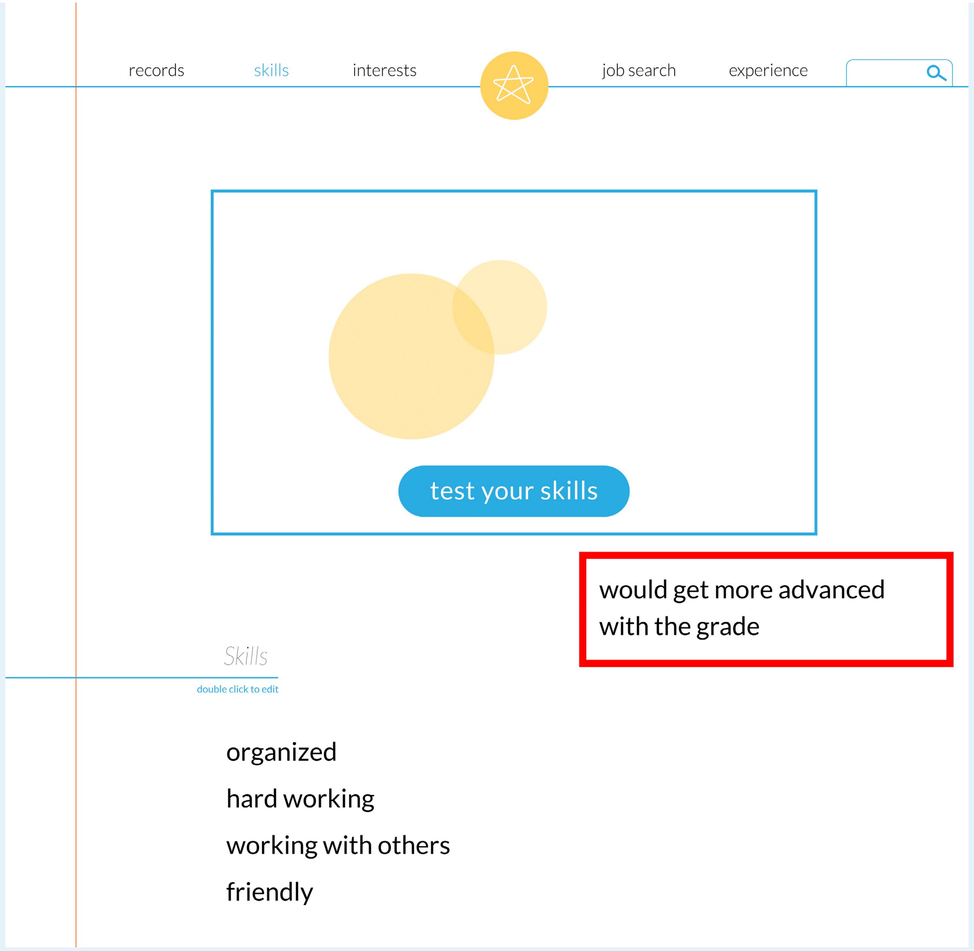




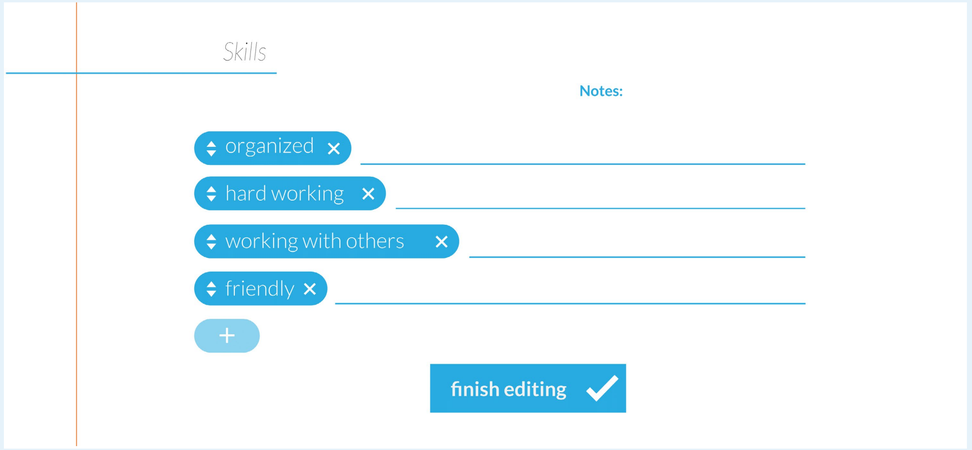
School records such as grades and clubs are shown on this page so that you can see and add your stronger subjects that you like to your interests.

See insightful comments from teachers about you and add them to your skill profile.



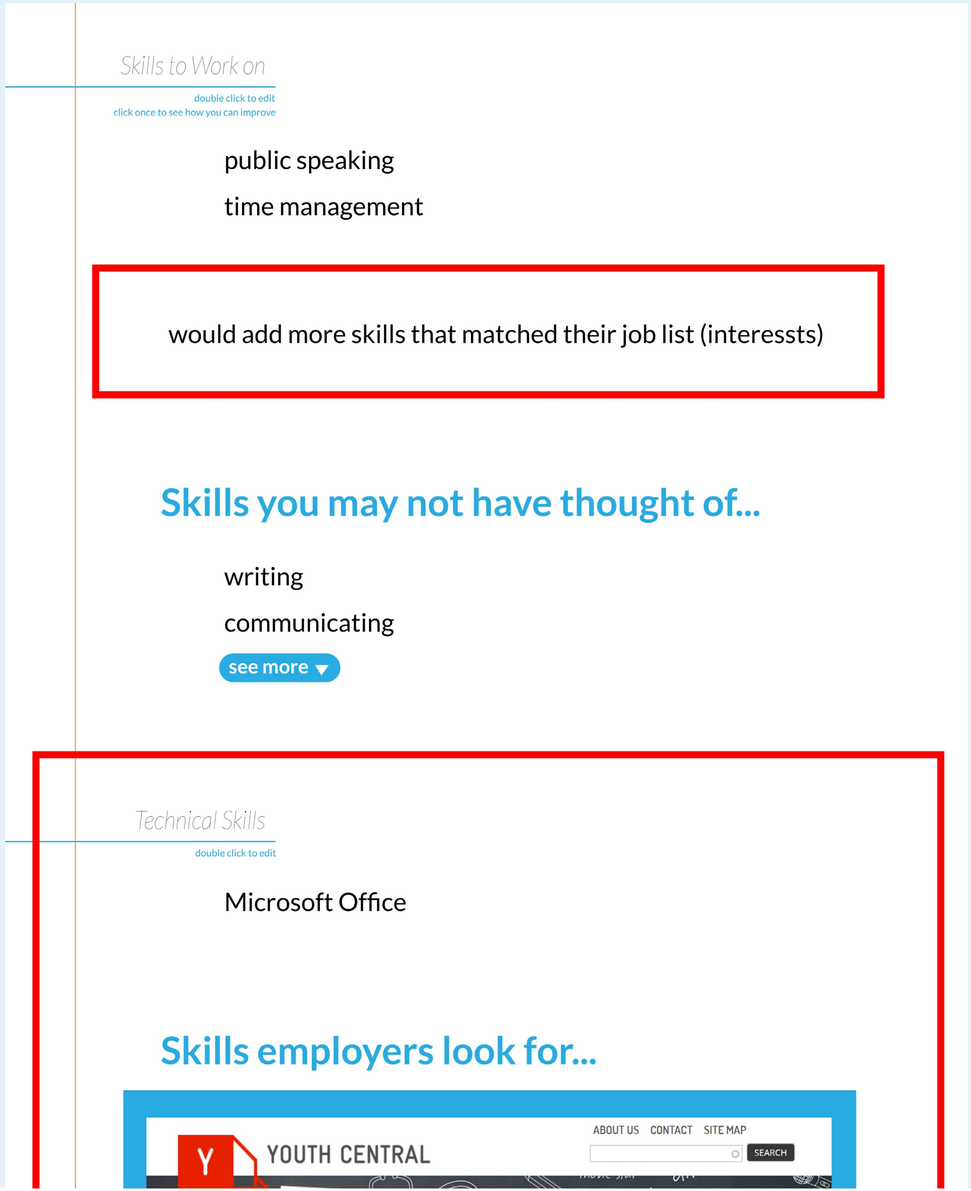


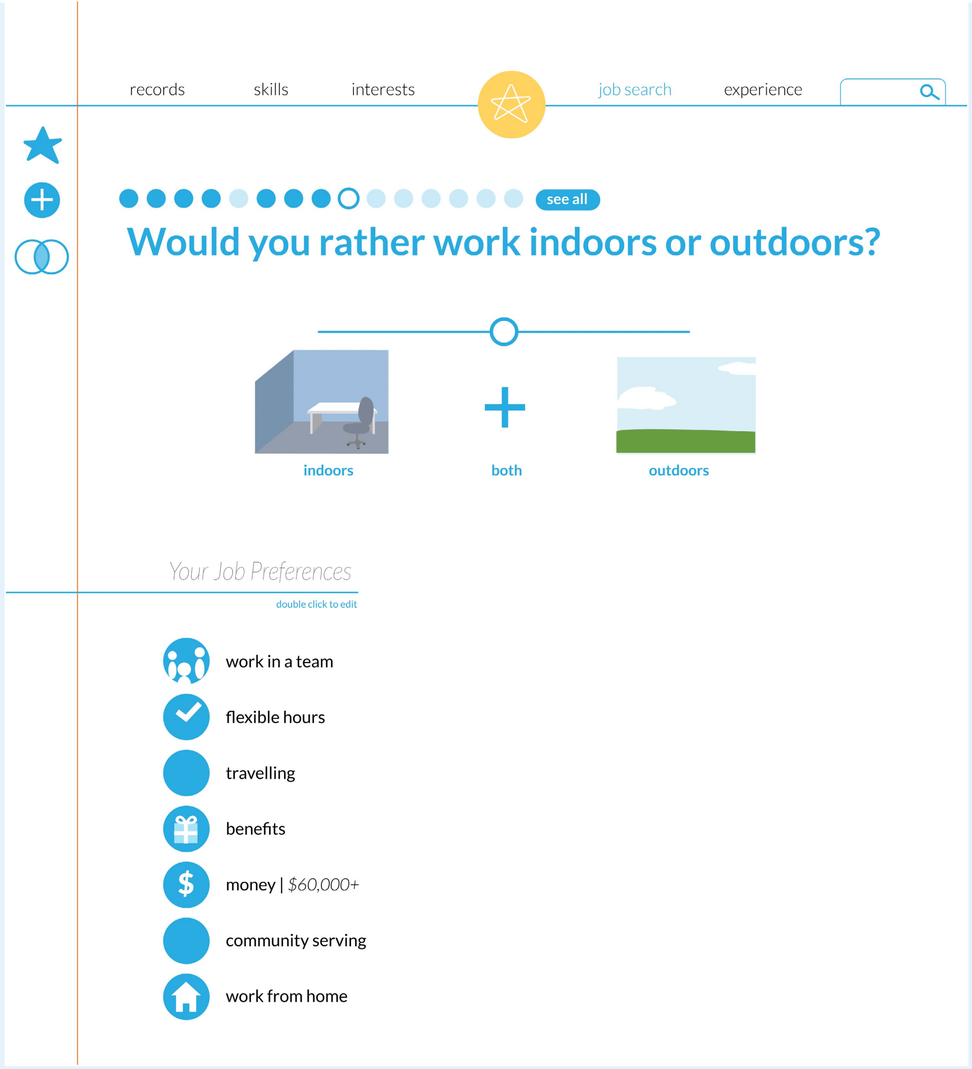
Instead of answering questions like in a quiz, you would instead be playing an interactive game to evaluate what skills you have.



Skills are editable and you can add notes to talk about each of your skills like if you'd like to improve on them.

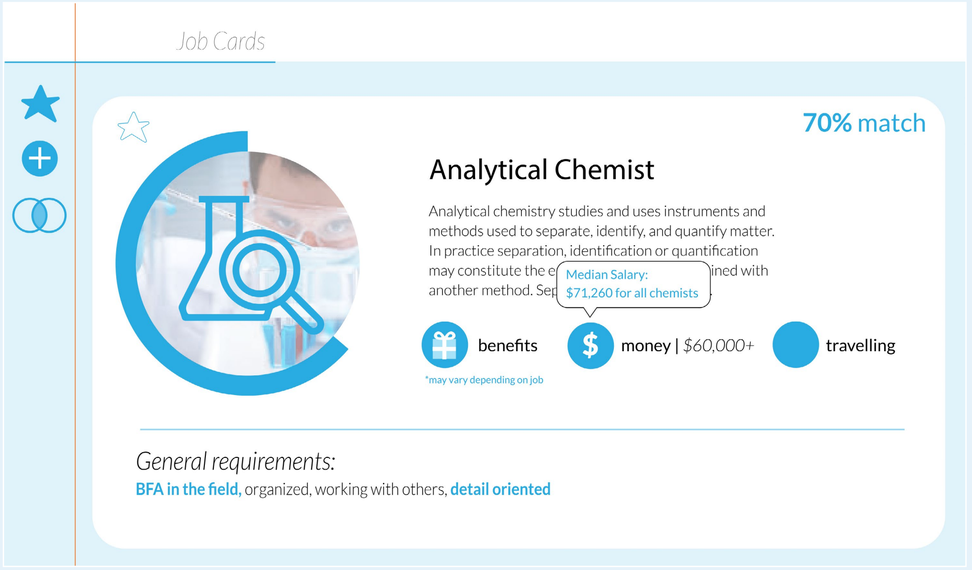
Skills would be suggested for the user to add to their list as they look at more jobs.





Simple questions are paired with fun images to help build personalized job preferences.

Then jobs will be suggested based on your previous information and give you a summarized description for you to easily check out its different attributes.



records skills interests job search experience

Analytical Chemist

Analytical chemistry studies and uses instruments and methods used to separate, identify, and quantify matter. In practice separation, identification or quantification may constitute the entire analysis or be combined with another method. Separation isolates analytes.

Frequently Asked Questions
Contact an Analytical Chemist
Take a Program

You can see more details of a suggested career type to gain a better understanding.

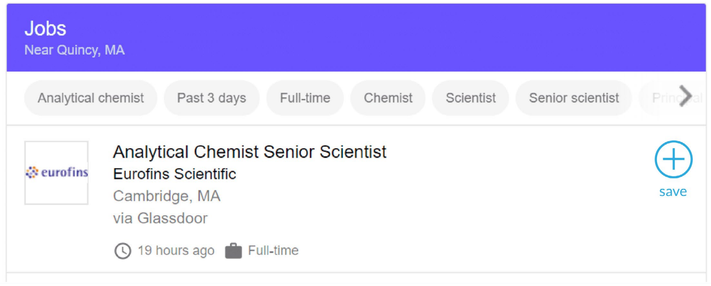
70% match

Organized

Your skill is very important working in this field because you will need to keep track of your research and data in order to have accurate results.

If you are interested in being an Analytical Chemist, you might want to work on these:
(click for suggestions)

BFA in the field
detail oriented



Description

Throughout all pages, you will have questions and interactive elements to engage the user.

Home page - geared to the grade level and how familiar/how long you've used the site

Records - official things from school, good page to reflect on / pick out what you're good at and what you like

Skills - will introduce basic skills and show more as they add more info. to their profiles, helping them build their list, when older it will help them articulate their skillset and help improve on skills for equipping in jobs they are interested in

Job search - will help you build your preferences, by asking questions (you can go at your own pace & take your time with them)

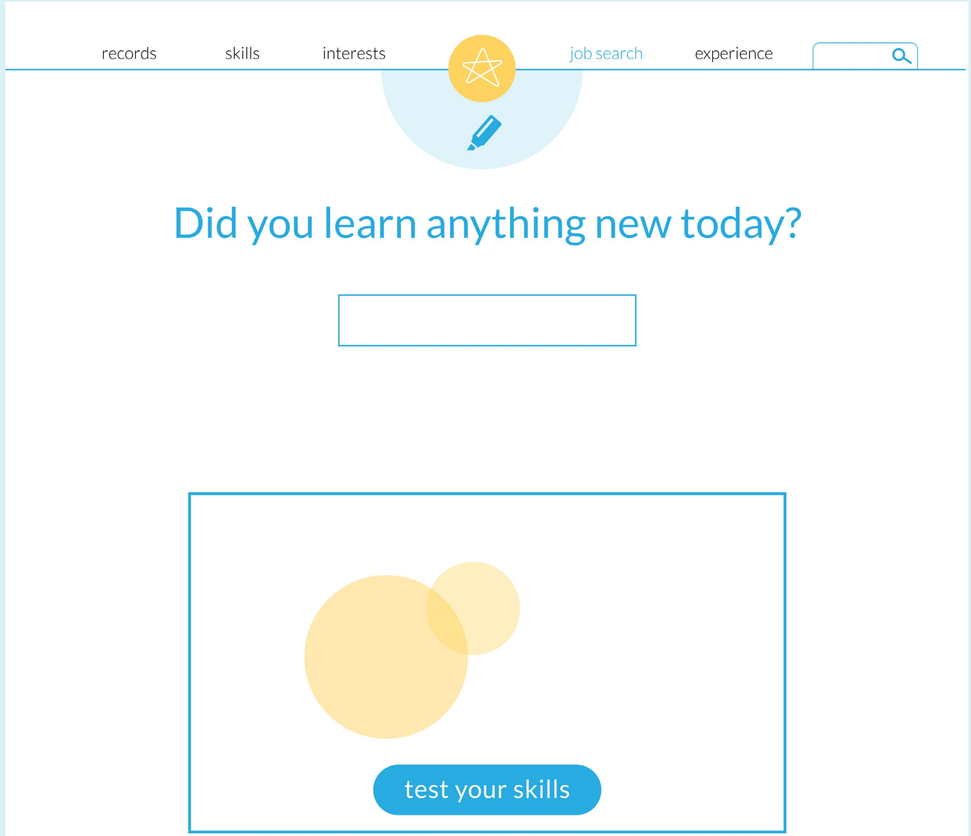
- Job Preferences will search by your priorities
- Job List can save your favorites
- Compare and Contrast jobs
- Job cards will match your skills, interests, and preferences

Notes

Add a skip button for questions
Have a thumbs up/thumbs down button for user and ask why
Make Q's smaller
Work on visuals more and icon tools for each page
Compare and Contrast comparison should be able to flip through/be customizable

Prototype 2

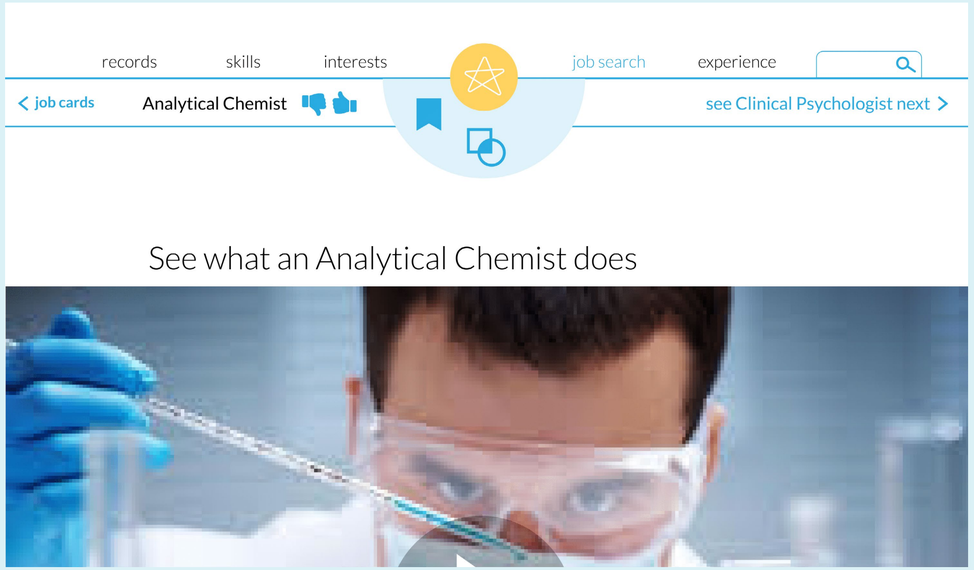
I took out the red line on the left because it was distracting and wasn't that useful.



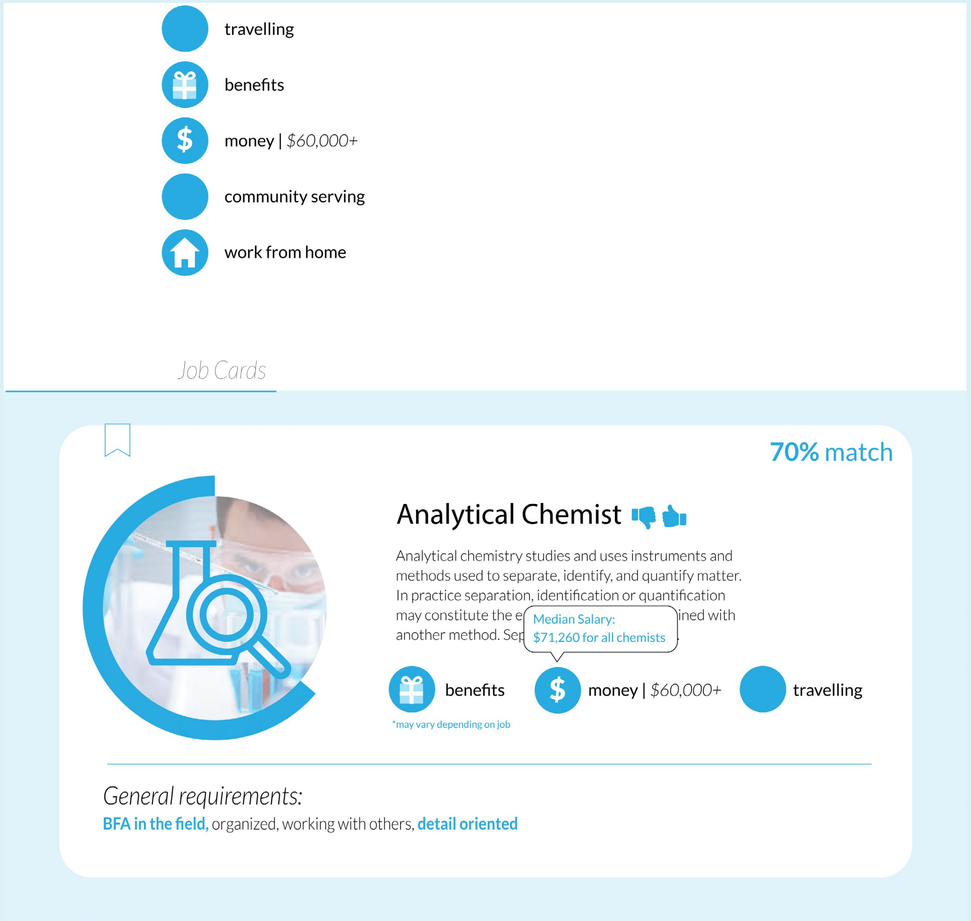
The tools are now shown as icons under the navigation menu. This toolkit would change depending on which page you are on.

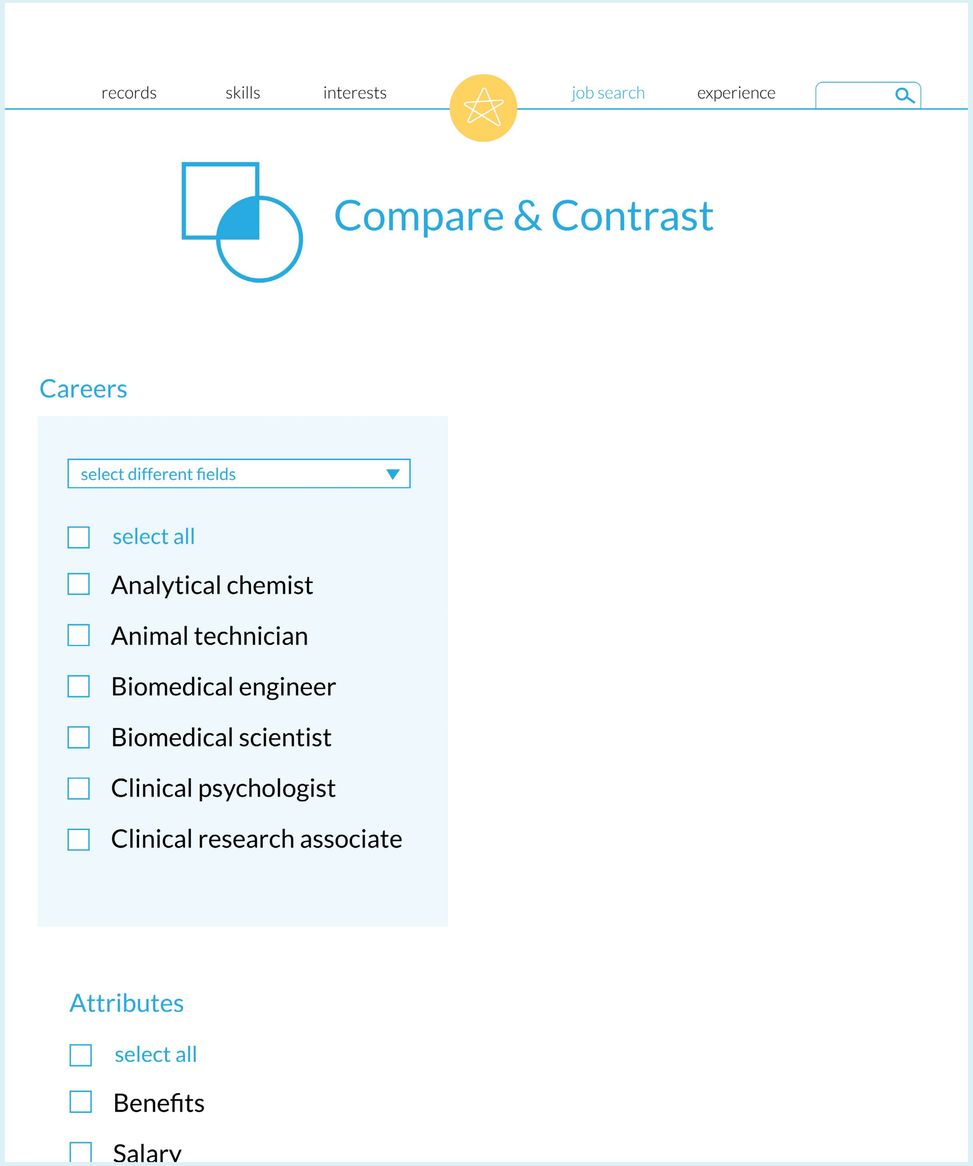
The detailed job page now includes a thumbs up/thumbs down feature and an easy way to view the next career on the list.

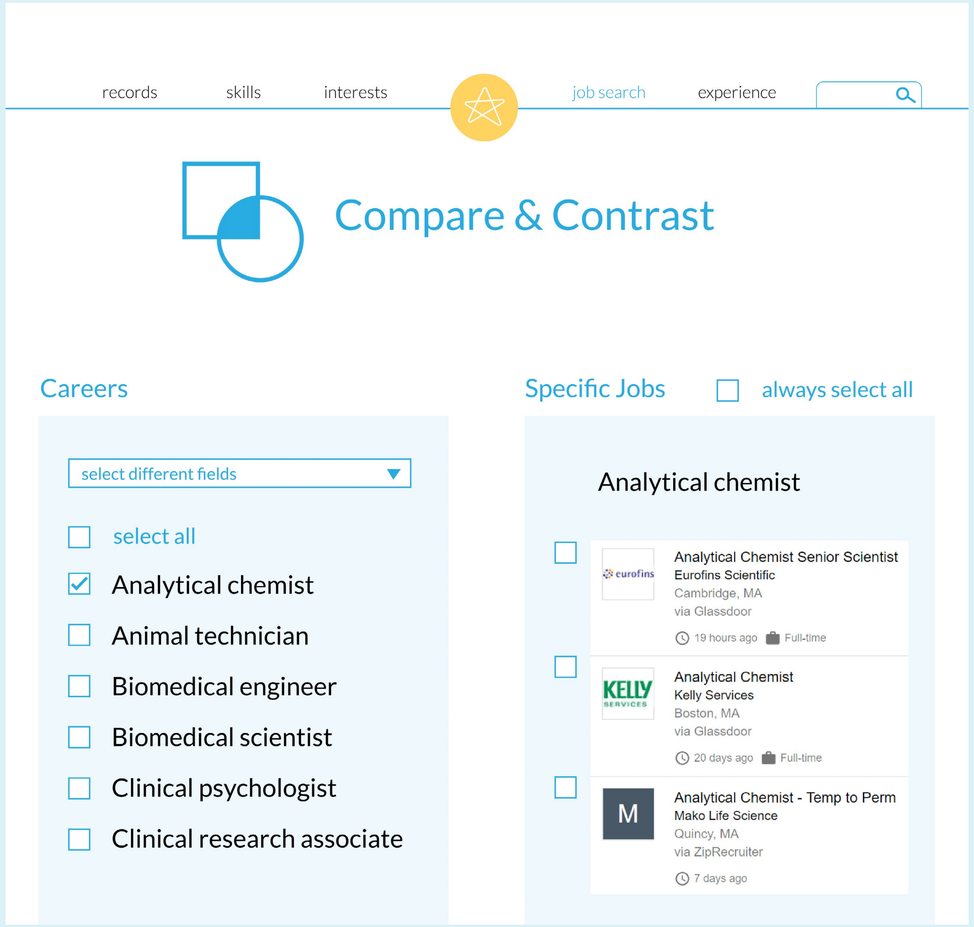
Icons are also changed for clarification.



This is the landing page which includes interactive things from other pages to engage the user.







The Compare & Contrast page is added which allows the user to choose what attributes to compare by, and choose either to compare by career types or specific jobs they've saved.

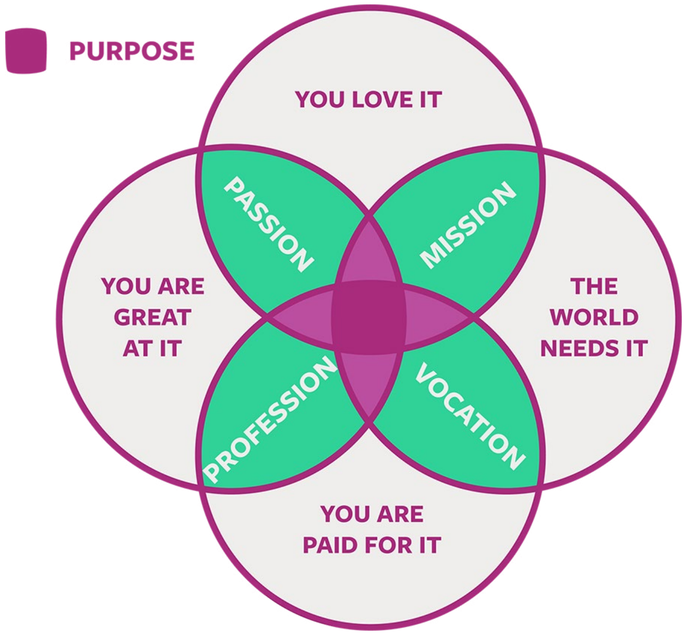
Notes

Convert/add more graphs and visuals
Learning process should be more fun
Try more specific user scenarios
Control what to show & when
Try mapping out paths for careers
Show general mind map of these just to let user know it's available
Scale website down to real size/compress elements
Can show more on a single page
Don't overwhelm the user

Additional research:

https://do2learn.com/JobTIPS/DeterminingInterests/InterestsQuiz/Quiz.php (questions to determine your interests)
https://www.whatcareerisrightforme.com/career-aptitude-test.php
(I like the break down of different types of skills, how can I turn this into an experienced testing?)
http://www.educationplanner.org/students/career-planning/find-careers/careers.shtml (more specific examples to top)
https://do2learn.com/JobTIPS/DeterminingInterests/InterestsQuiz/Quiz.php (just a questionaire, no visuals, boring)

Logo Development



Based on this chart from my research, I saw potential in finding a shape with meaning.

I created my own version of the diagram to play around with colors and shapes.

I chose to use these shapes to reference direction and have the meaning of finding those overlaps in the categories that define a good job match.

Logo Development

choices

Notes:

Try adding something to the middle of logo shapes
Use less colors for logo

Story behind the name:

I researched names related to my topic and struggled to find a good fit. I told my sister a summary of my project then asked what I should call it. She said choices. I said okay. And that's how it happened.

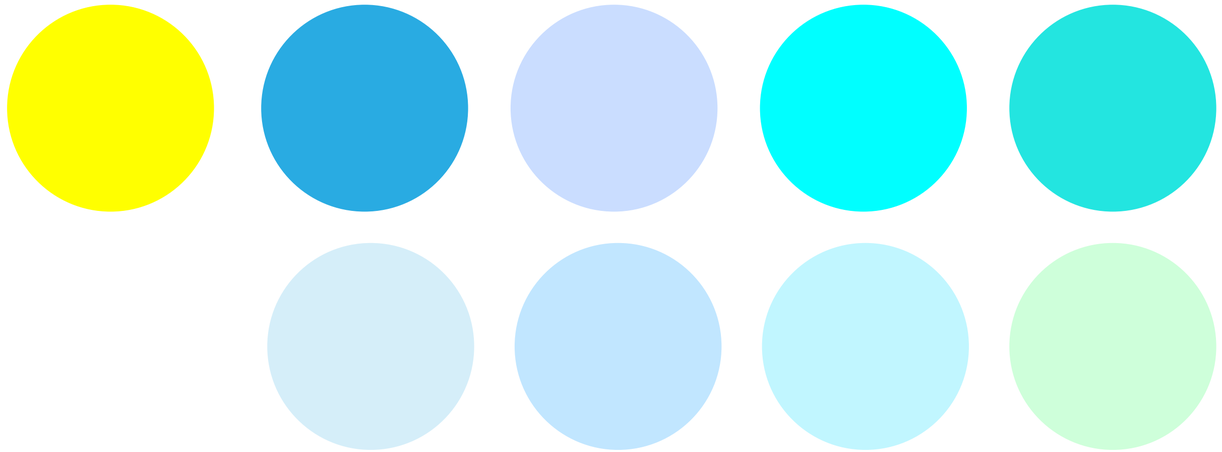
Final Logo

Why it works:

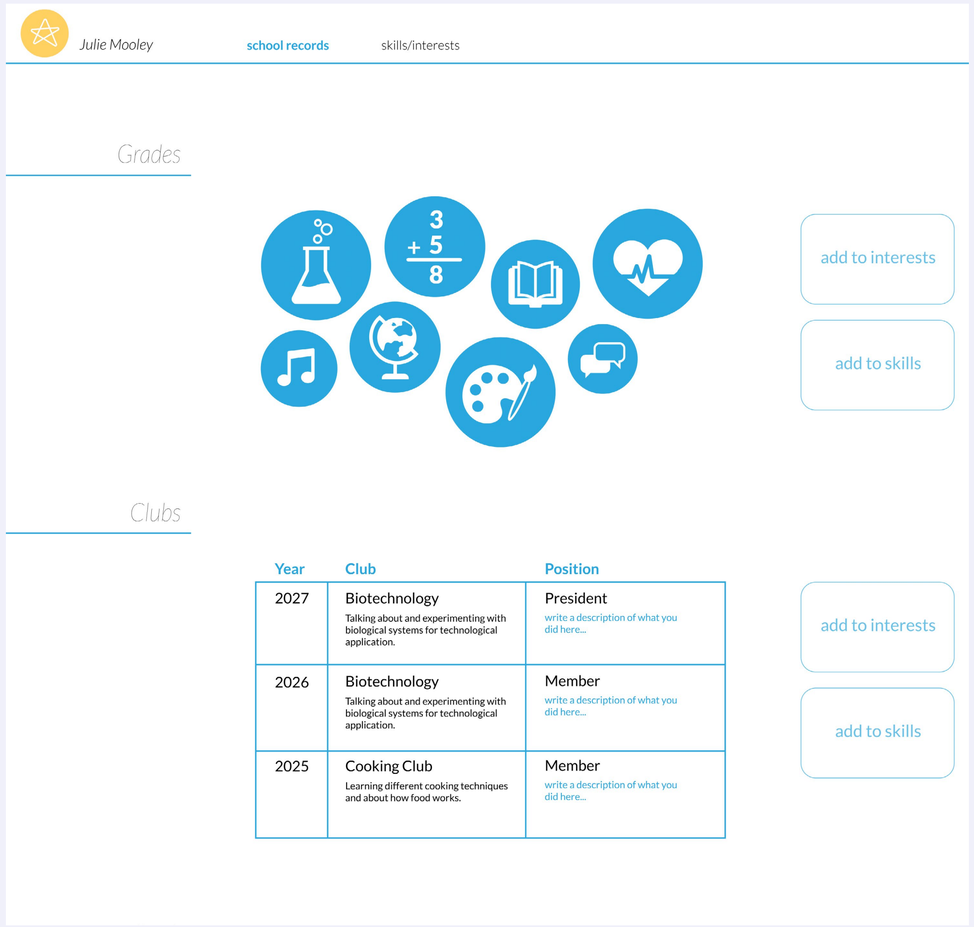
- references direction
- looks like game controller buttons
  (good for target age group)

Simplified colors. Added a ‘C’ to the middle of mark because it felt too empty before. Paired with tagline.

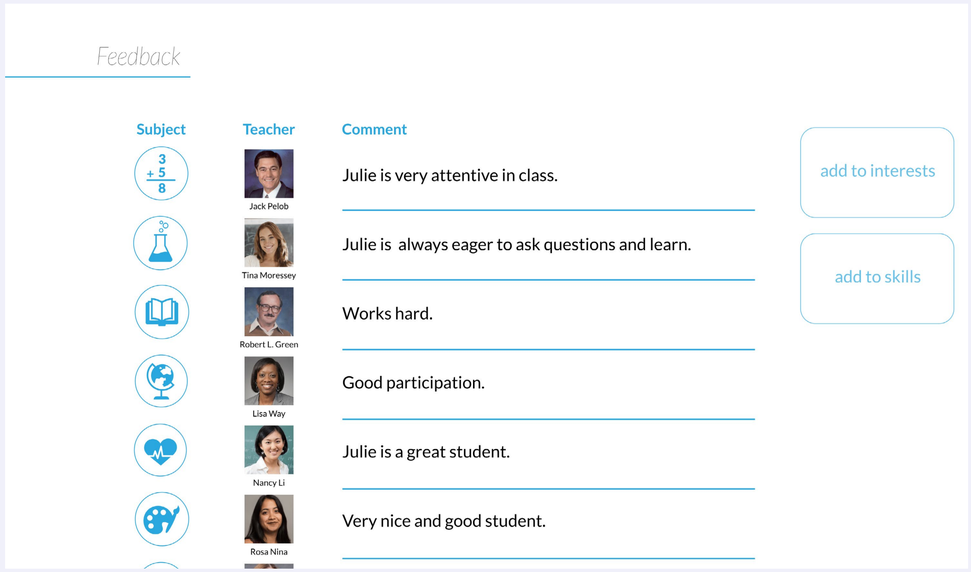
Color Scheme



Prototype 3



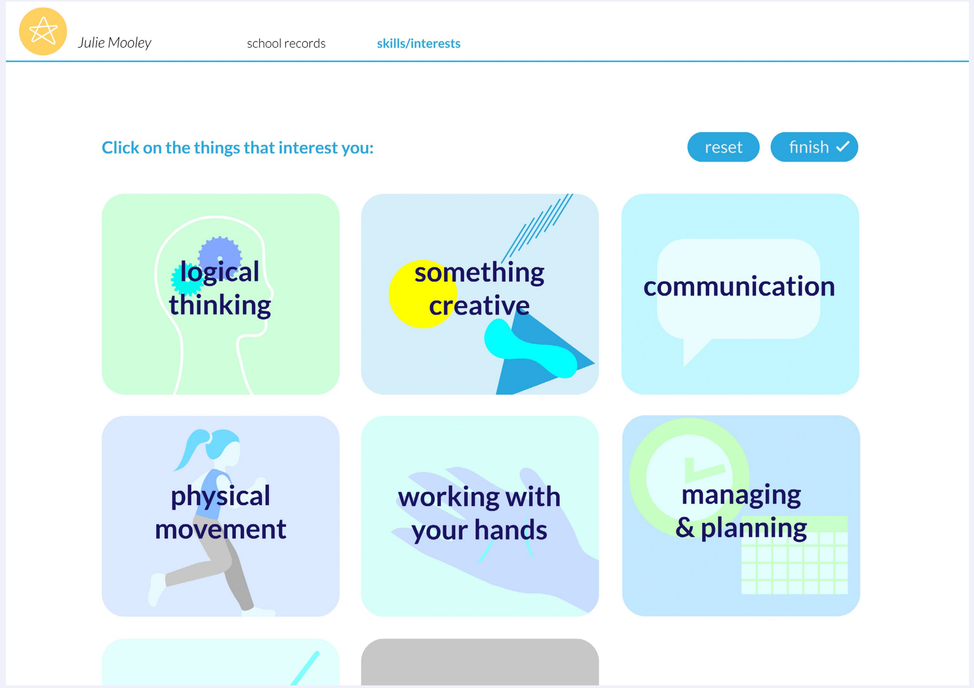
The grades are made more visual and fun for a young audience. The scale helps to differientiate which are your stronger or weaker subjects.



The feedback section is also made more visual with the images instead of subject names and the teachers' profile pictures are added to connect more with the user.

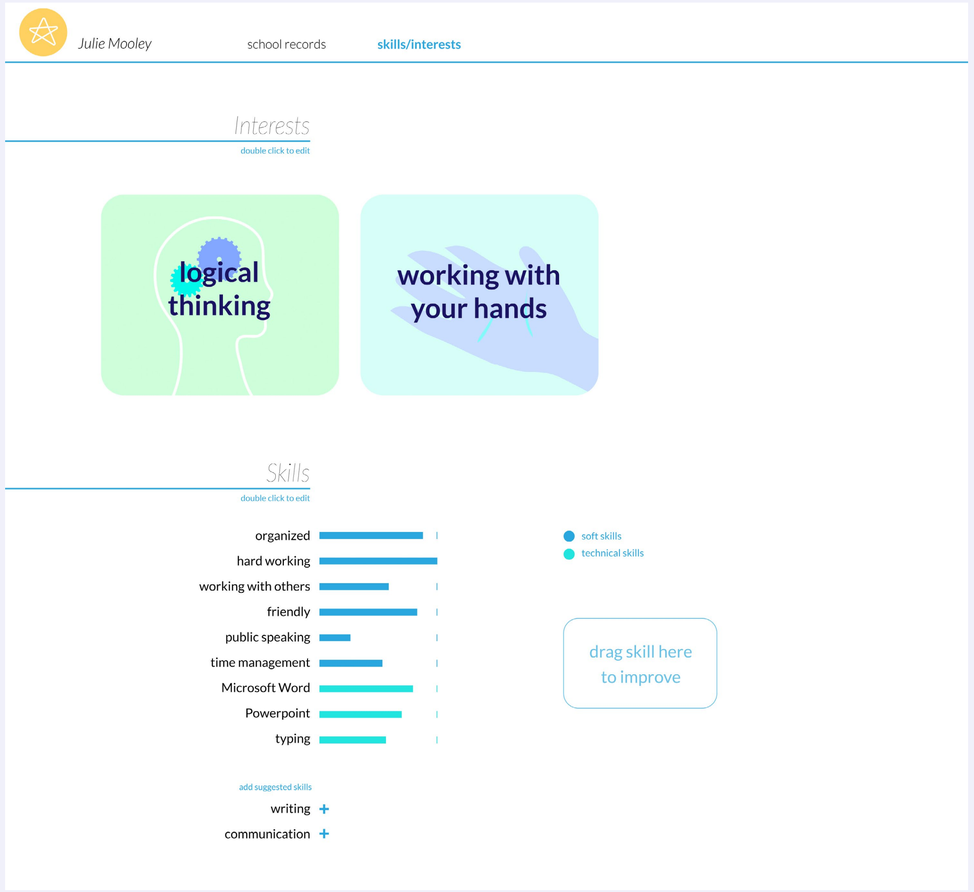
The drop into boxes are sticky elements that can be used for any section instead of having to highlight before adding to your profile.

Prototype 3

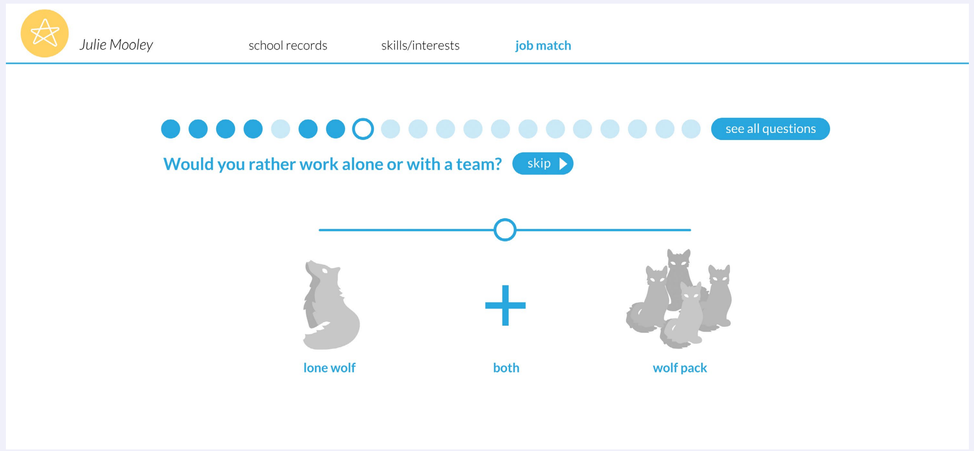


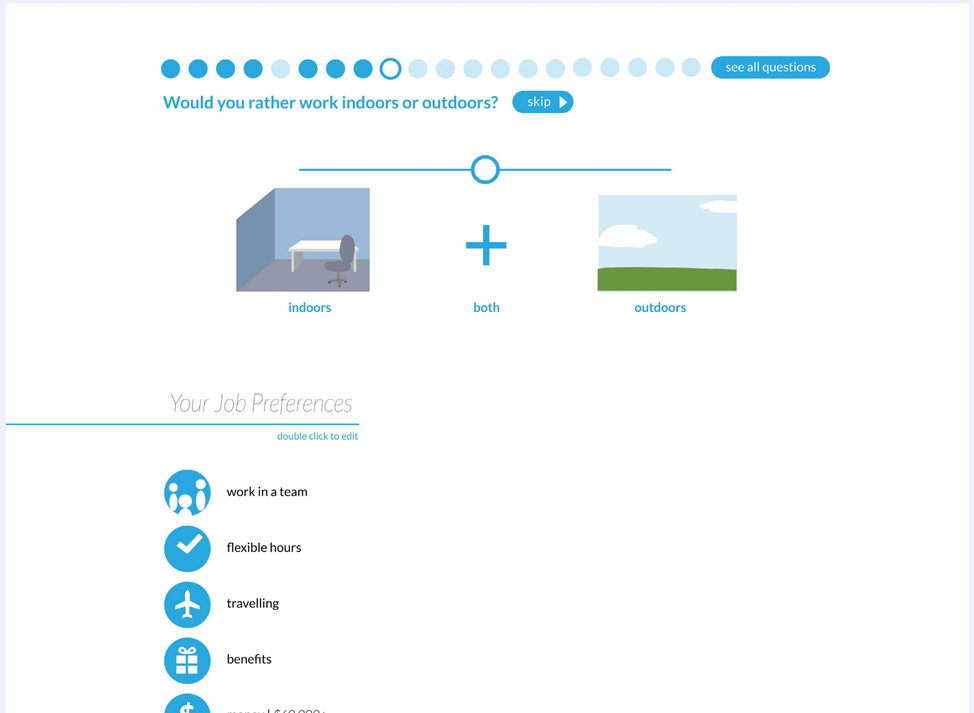
You can select your interests in a quick and visually engaging way.

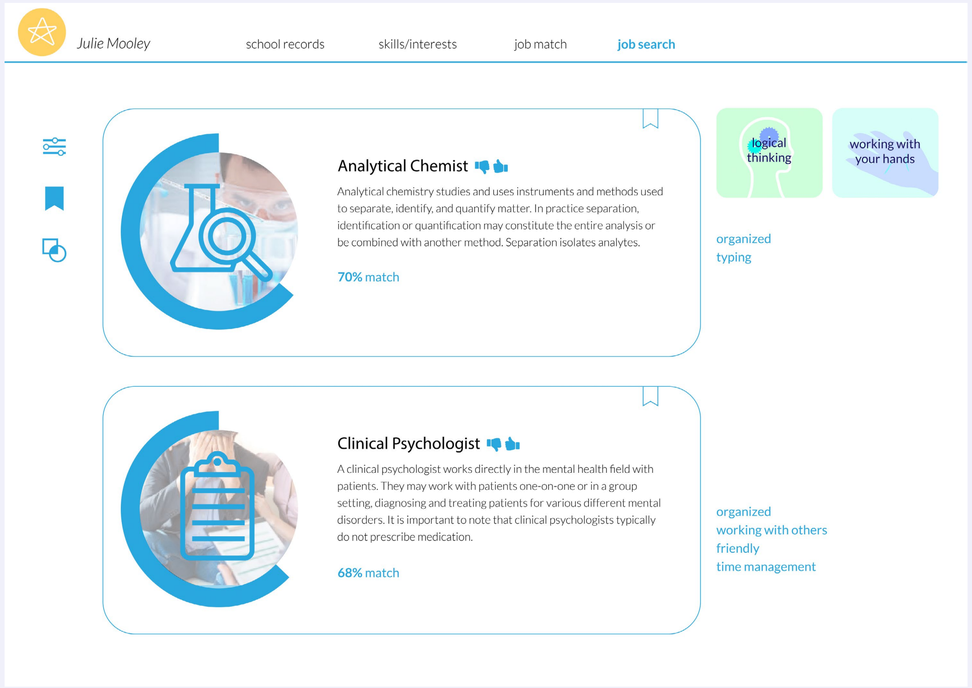
The selected interests are then added to your skills/interests page and can be edited anytime. The skills are better organized and the skill level is added to see where you can improve and the website will provide resources to help you improve.



Prototype 3





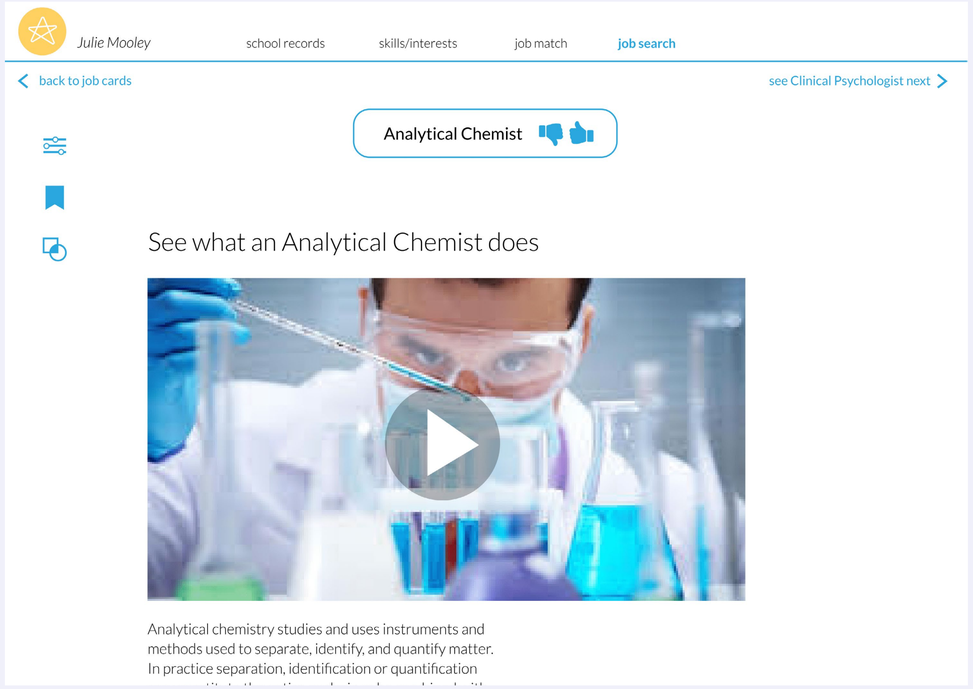


Cleaned up the summarized career types and shows at a glance how it connects to your interests and skills. A thumbs up / thumbs down feature is added for the user to choose whether or not they like that career type and tell why or why not for better suggestions in the future.

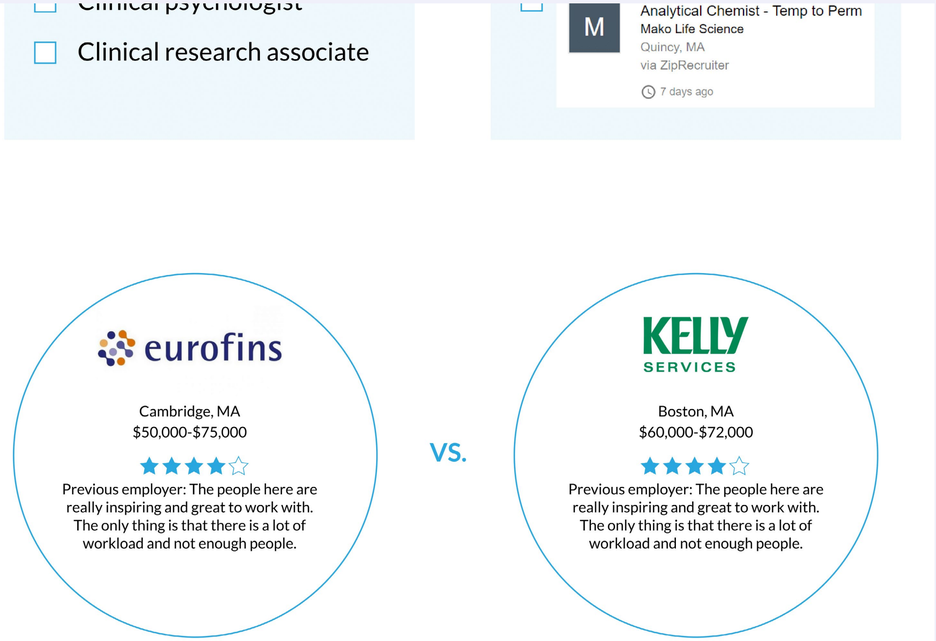
This section helps you build your job preferences in a visual and fun way.

Prototype 3

The Compare & Contrast page is more built out with comparisons of specific jobs.



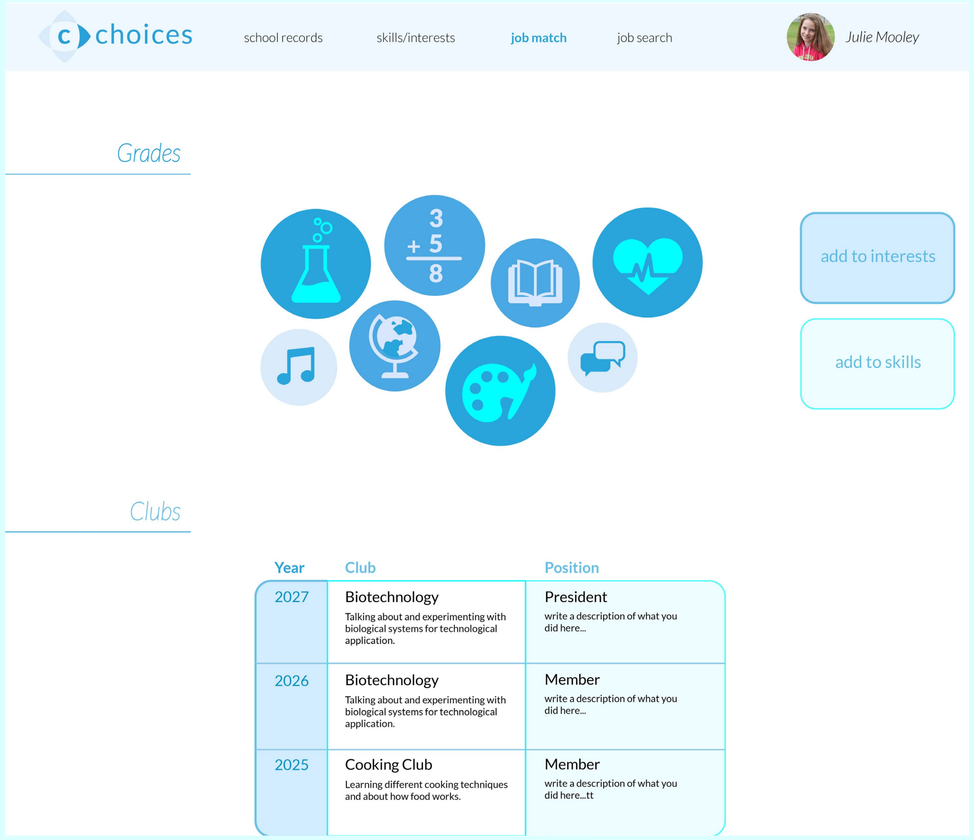
Redesigned and reorganized the tool icons on the left. Also has the thumbs up / thumbs down feature and can easily navigate to the next career.



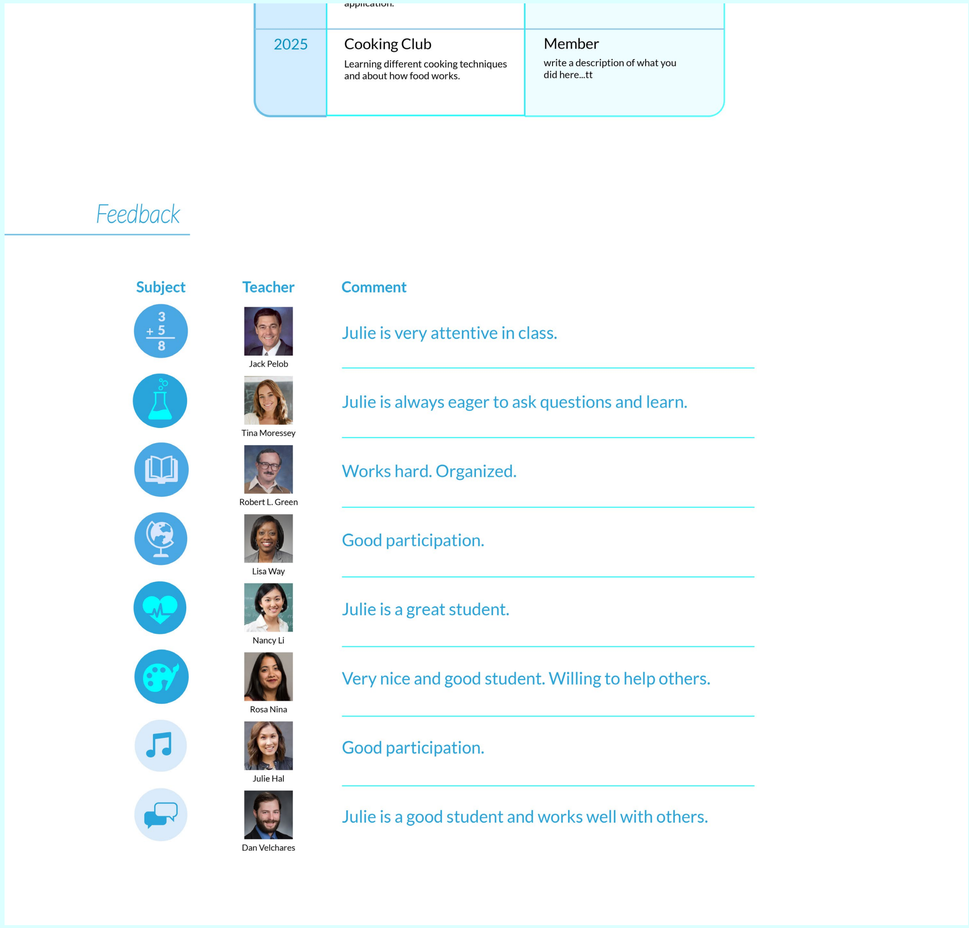
Notes

Make a more concise color palette and use more throughout
Logo is successful in several ways: references direction without being too literal, looks like a controller which is fun and appropriate for kids
Introduce short workshops or programs and careers in high school phase

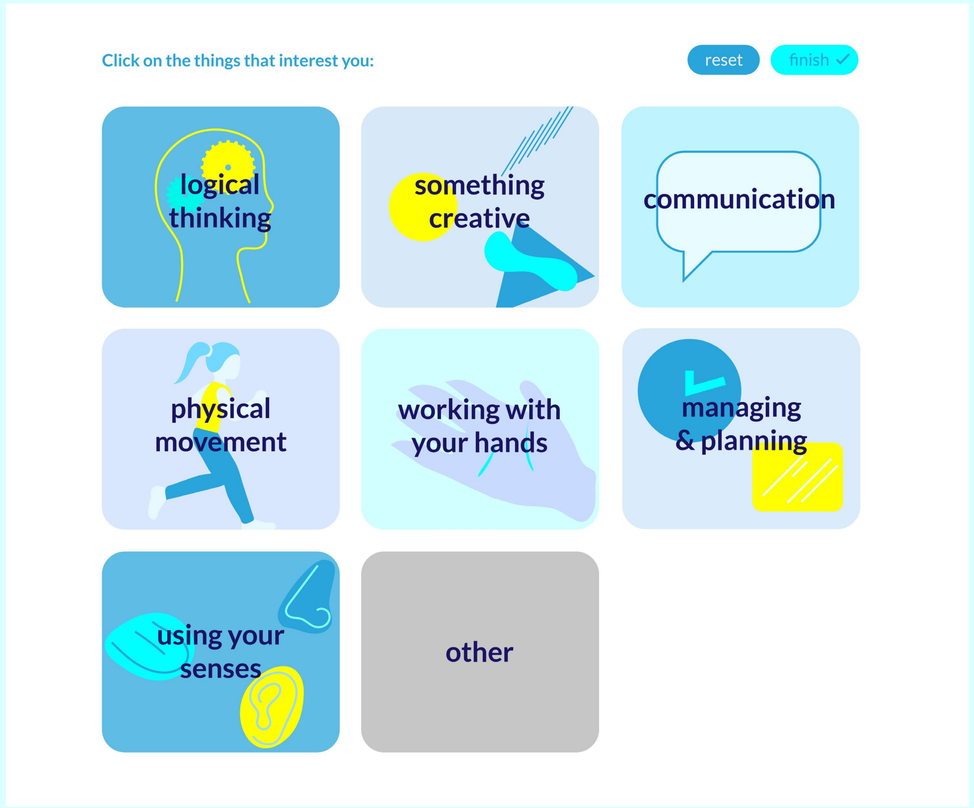
Final Design



Pushed the hierarchy and defined elements more with color.



Final Design



Recolored elements to make visuals more cohesive.

Final Design

see all questions

Would you rather work alone or with a team? skip

lone wolf | both | wolf pack

Your Job Preferences

double click to edit

- flexible hours
- travelling
- benefits
- money | $60,000+
- community serving
- work from home

see all questions

Would you rather work indoors or outdoors? skip

indoors | both | outdoors

Analytical Chemist

Analytical chemistry studies and uses instruments and methods used to separate, identify, and quantify matter. In practice separation, identification or quantification may constitute the entire analysis or be combined with another method. Separation isolates analytes.

85% match

Clinical Psychologist

A clinical psychologist works directly in the mental health field with patients. They may work with patients one-on-one or in a group setting, diagnosing and treating patients for various different mental disorders. It is important to note that clinical psychologists typically do not prescribe medication.

70% match

Final Design

Jobs
Near Quincy, MA

Analytical chemist | Past 3 days | Full-time | Chemist | Scientist | Senior scientist

Analytical Chemist Senior Scientist
Eurofins Scientific
Cambridge, MA
via Glassdoor
19 hours ago · Full-time

Analytical Chemist
Kelly Services
Boston, MA
via Glassdoor
20 days ago · Full-time

Analytical Chemist - Temp to Perm
Mako Life Science
Quincy, MA
via ZipRecruiter
7 days ago

100+ more jobs

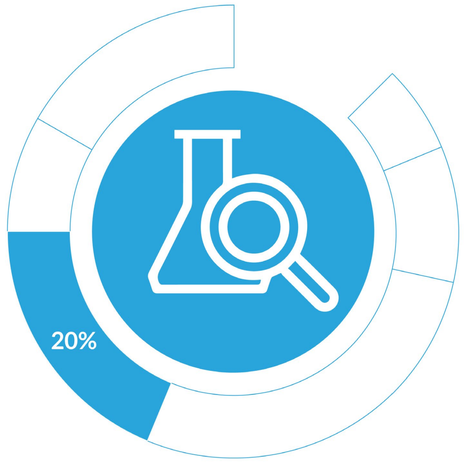
Analytical Chemist

See what an Analytical Chemist does

Analytical chemistry studies and uses instruments and methods used to separate, identify, and quantify matter. In practice separation, identification or quantification may constitute the entire analysis or be combined with another method. Separation isolates analytes.

Frequently Asked Questions
Contact an Analytical Chemist
Take a Program

85% match



Team Work

This career typically requires team work as you will need to review and analyize data with others.

Final Design

Compare & Contrast

Careers

select different fields

- [ ] select all
- [x] Analytical chemist
- [ ] Animal technician
- [ ] Biomedical engineer
- [ ] Biomedical scientist
- [ ] Clinical psychologist
- [ ] Clinical research associate

Specific Jobs ☐ always select all

Analytical chemist

- [x] Analytical Chemist Senior Scientist
  Eurofins Scientific
  Cambridge, MA
  via Glassdoor
  19 hours ago · Full-time
- [x] Analytical Chemist
  Kelly Services
  Boston, MA
  via Glassdoor
  20 days ago · Full-time
- [ ] Analytical Chemist - Temp to Perm
  Mako Life Science
  Quincy, MA
  via ZipRecruiter
  7 days ago

Compare Careers:

eurofins

Cambridge, MA
$50,000-$75,000

★★★★☆

Previous employee: The people here are really inspiring and great to work with. The only thing is that there is a lot of workload and not enough people.

see more

vs.

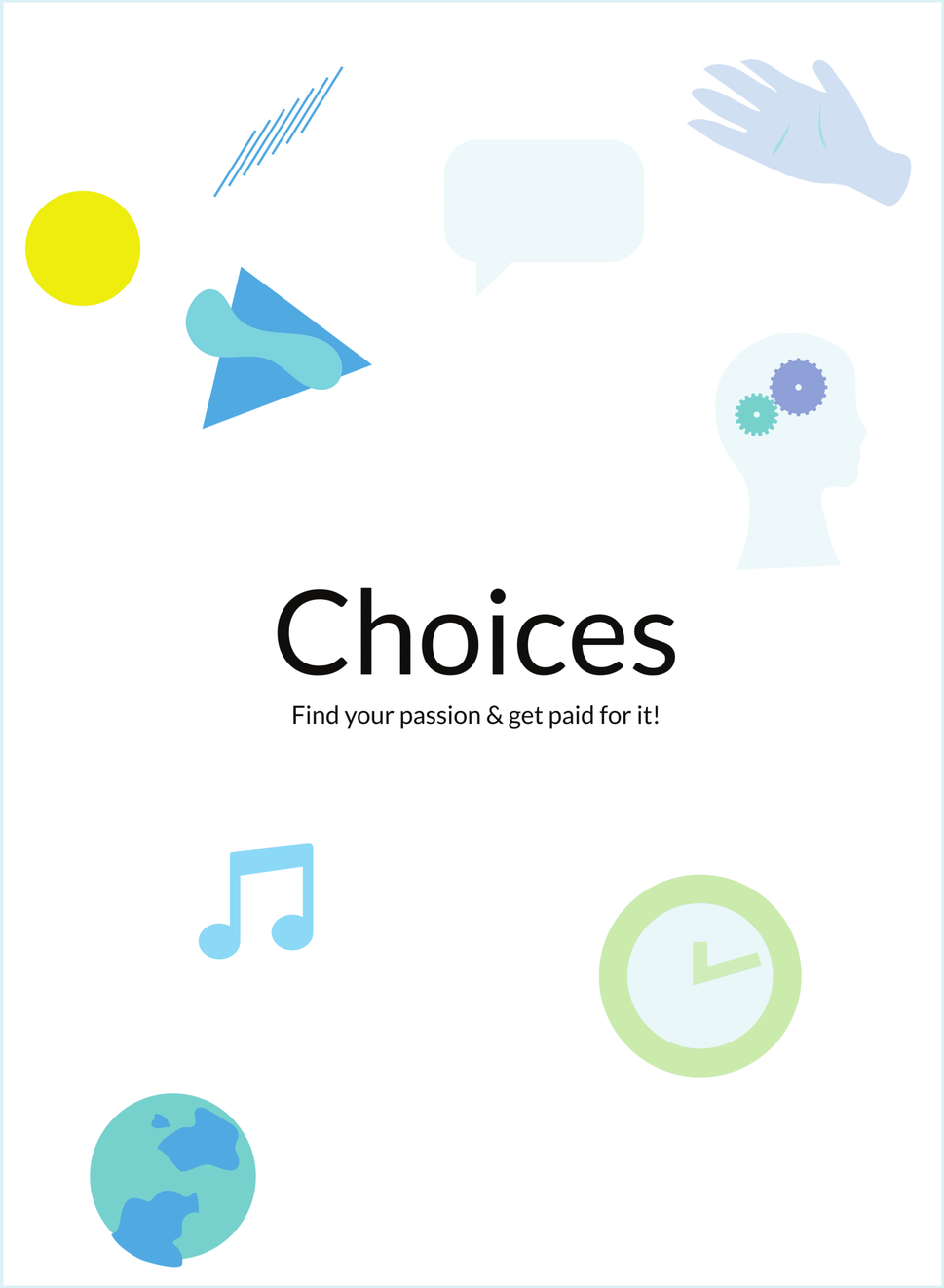
KELLY SERVICES

Boston, MA
$60,000-$72,000

★★★★☆

Previous employee: I work with a great team of people and get to do really exciting work every day.

see more



Just a sketch, this captures the idea of being surrounded by many elements and choices is the callout from the midst of all the things.

Experimentation

choices

Find your passion and turn it into a career.

Everyone needs to make decisions. You do this by weighing all the different factors that go into the decision, but this can be difficult when you don't know what to look for or how to begin. At a young age, kids don't know how to approach their future. Faced with making decisions that seem to dictate the rest of their lives is a daunting choice, and they don't know where to start.

***Choices* is a website that helps guide kids** as early as elementary school by helping them to learn about their own interests and skills, and even personality while utilizing the education system to help build their profile. As the user expands more on their personal profile, career suggestions will be costumized to fit the individual. From there, the user can gain more knowledge and experience in a field they wish to explore. Because this website keeps track of the factors that go into your decision making, you can confidently start approaching your future.

Amenda Wong 2:00-3:00pm Rm 603

choices

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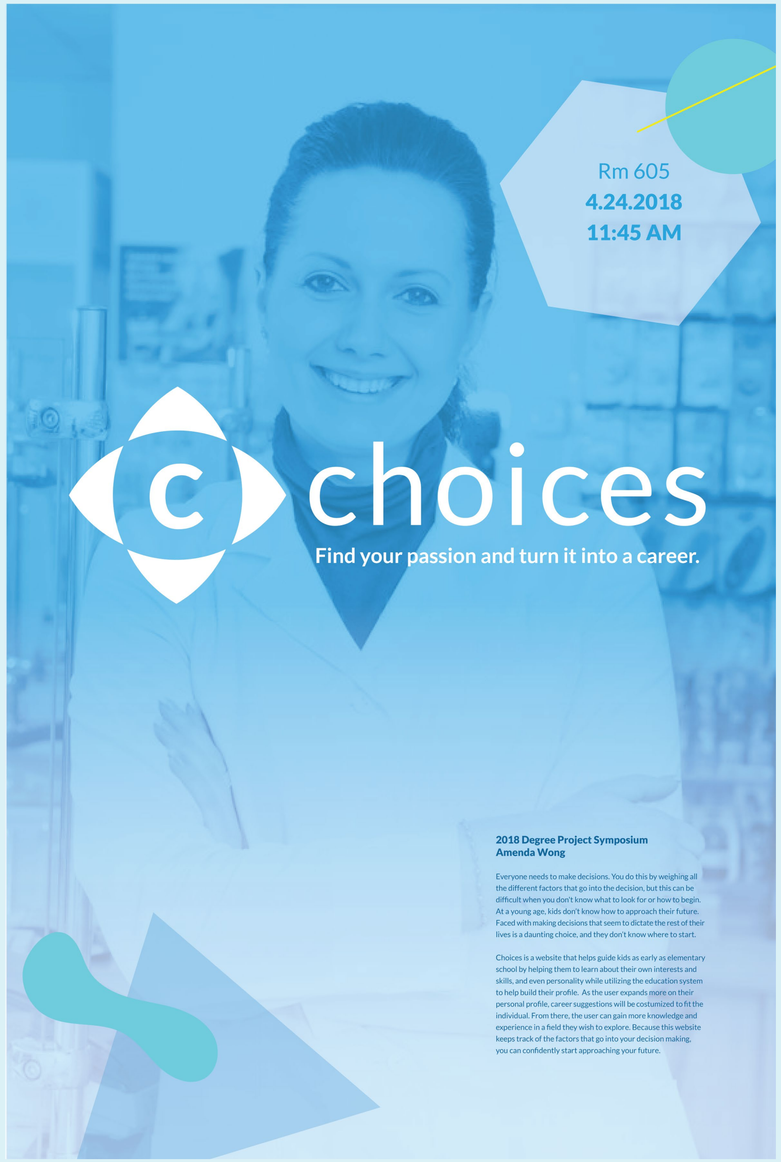
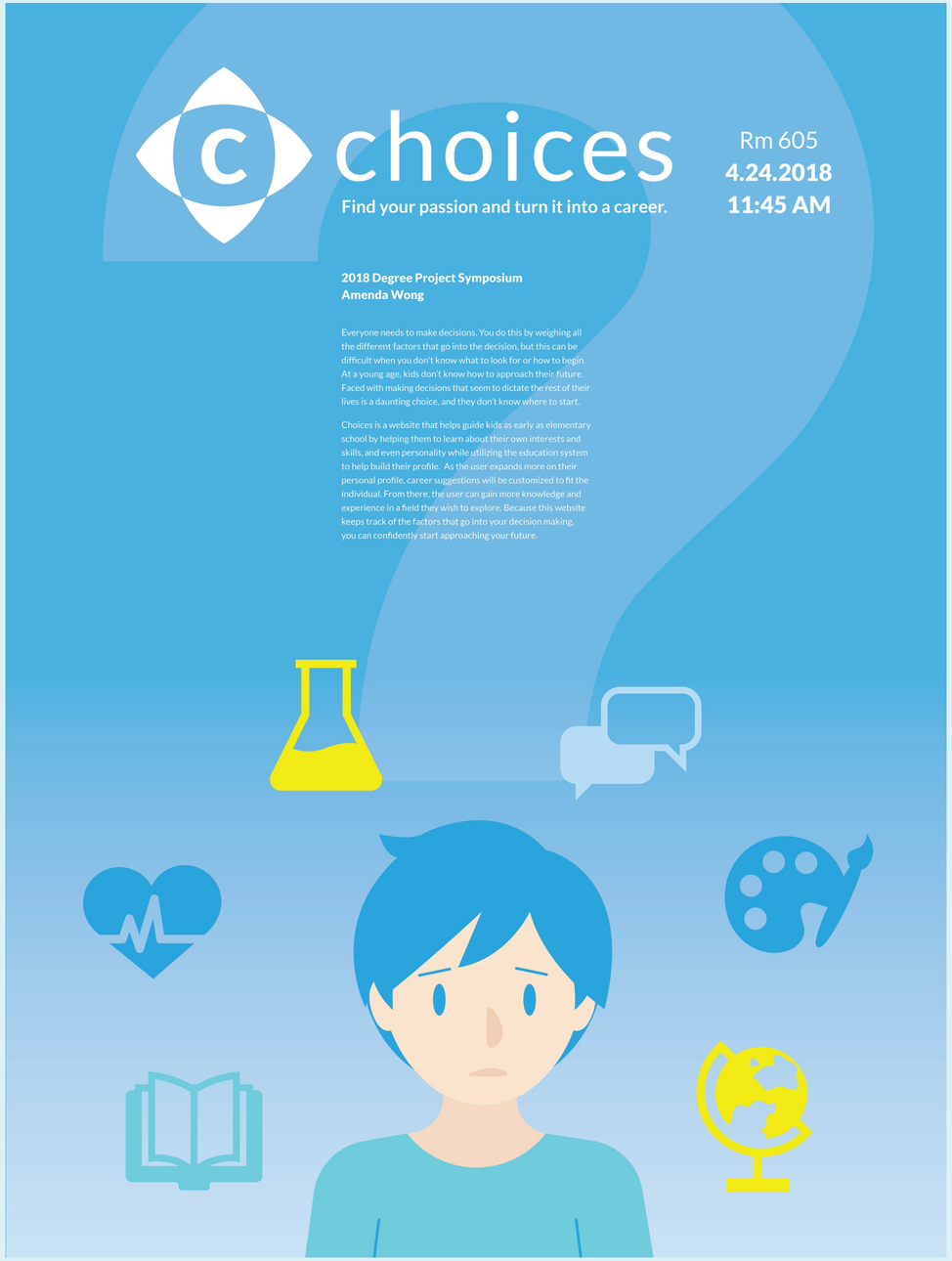
***Choices* is a website that helps guide kids** as early as elementary school by helping them to learn about their own interests and skills, and even personality while utilizing the education system to help build their profile. As the user expands more on their personal profile, career suggestions will be costumized to fit the individual. From there, the user can gain more knowledge and experience in a field they wish to explore. Because this website keeps track of the factors that go into your decision making, you can confidently start approaching your future.

Amenda Wong 2:00-3:00pm Rm 603



Final Poster