



Sponsored through the 307th Bomb Wing, Air Force Reserve Command, 827 Twining Dr., Bldg 4238, Barksdale AFB, LA 71110
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STARBASE Louisiana Career Guide Information

DoD STARBASE Louisiana is a national science, technology, engineering and mathematics (**STEM**) program, serving 5th grade students from Bossier and Caddo Parish. **The goal of STARBASE** is to raise the interest and improve the **knowledge and skills** of at-risk youth in science, technology, engineering and mathematics, which will provide for a **highly educated and skilled American workforce** that can meet the **advanced technological requirements** of the Department of Defense. The U.S. is in great need for a pool of **talented and skilled workers**, as well as a **secure and stable consumer base**. In response to this national STEM crisis, STARBASE creates an environment to actively engage students in explorations of STEM content to **excite their interest**, develop a solid **concept base** and encourage them to pursue these fields in their **future careers**.

As a STARBASE Career Guide mentor, you can help students understand that **STEM is all around** them in everything they see and do. Pursuing **excellence in STEM** is critical in preparing them for the challenges of the 21st Century and beyond. Understanding **how you apply STEM in everyday situations** makes an important connection between their classroom lessons and activities and applications in the real world. Some points below will help you plan your discussion. **We only have 10 minutes**, so it is okay if you do not cover all of the points. Just share from your **personal experience**.

1. Share what your **career** involves and **describe some of the tasks and activities** you do each day.
2. Share the **steps** you took to achieve success in your career.
3. Give an example of how **science, math, engineering and technology** are used in your job.
4. Give an example of how you **solve problems** on the job.
5. Give examples of how you utilize **collaboration, critical thinking, creativity, and communication**.
6. Share the **pitfalls** students can avoid that may prevent them from pursuing their choice career.
7. Suggest **positive actions** that the children can take now that may help them prepare for the future.
8. Point out that you had to take a **challenging or meaningful curriculum**.
9. Answer any of the **questions** the children may have for about **5 minutes** after your presentation.

STARBASE Louisiana Career Guide Application

I volunteer to be called as a STARBASE LOUISIANA Career Guide, to talk to students during their "Business Lunches". I understand that I will be called according to the class dates and according to the needs of the program. This commitment will be subject to my availability when I am called. Once I commit to a date for a visit, the students are depending on me to participate. If my schedule changes, I will give sufficient notice so that another career guide may be scheduled.

Name _____ Career Field _____

Business Address _____ Phone _____

E-mail Address _____

Return form to: STARBASE LOUISIANA, 827 Twining Dr., Bldg 4238, Barksdale AFB, LA 71110
 Or e-mail to freeman.eric@us.af.mil fax 529-3631 or call 529-3521