

**Frequently Asked Questions – *Dream Big: Engineering Our World* Movie Showing at Schools
Engineering and Geoscience Week, March 3 to 9, 2019**

1. What is *Dream Big: Engineering Our World*

Narrated by Academy Award® winner Jeff Bridges, *Dream Big: Engineering Our World* (2017) is a movie that was released in IMAX theatres by the American Society of Civility Engineers and MacGillivray Freeman to transform how people think about engineering. From the Great Wall of China and the world's tallest buildings, to underwater robots, solar cars and smart, sustainable cities, *Dream Big* celebrates the human ingenuity behind engineering marvels big and small, and reveals the heart that drives engineers to create better lives for people around the world.

2. What is this opportunity about?

Dream Big: Engineering Our World was recently made available for organizations to purchase for schools. APEGS is excited to provide every school in Saskatchewan with the movie and an educator guide, so that every student is aware of engineering as a fulfilling career option. In addition, APEGS wishes to co-host with you a showing of the movie for Engineering and Geoscience Week, March 3 to 9, 2019. APEGS proposes an “engineering and geoscience night” for students, parents, and educators to watch the movie in celebration of the week. Where possible, APEGS will supply a local engineer or geoscientist to introduce the show and offer a contest with prizes.

3. Who is the intended audience for this opportunity?

Dream Big: Engineering Our World was designed to engage all ages and has a General (G) rating. The educator guide includes 12 lesson plans for grades K-12. For the “engineering and geoscience night”, APEGS suggests that schools determine if this opportunity is for all students or for particular grades.

4. What is included?

Dream Big: Engineering Our World is a full-length feature film available in English, French, Spanish, and closed captioned (licensed for educational screenings only). The educator guide includes lessons and multidisciplinary hands-on activities for K-12 students. Lessons present an engineering challenge inspired by the work of real engineers and can be used to help introduce the engineering mindset to the classroom. The movie, guide, companion videos, and downloadable files will be available on ROVER, the Ministry of Education's video streaming service (school divisions will also be sent a DVD for each school). To access ROVER, log into Blackboard. For assistance, contact the helpdesk at 1-800-933-8333 or NetworkServices@gov.sk.ca. To view the movie trailer, guide, and companion videos in the meantime, visit www.dreambigfilm.com/education/. The movie is also on Netflix.

5. What is Engineering and Geoscience Week?

Engineering and Geoscience Week is a time to celebrate the role engineering and geoscience professionals play in contributing to the economic development of our province while safeguarding the public in accordance with *The Engineering and Geoscience Professions Act*. The week coincides with National Engineering Month, which is observed during March.

6. When would this event occur?

APEGS suggests that the movie showing occurs in the evening during the school days of March 4 to 8 as an extracurricular “engineering and geoscience night”. However, if schools wish to show the movie during the day or during a week other than March 4 to 8, APEGS will try to arrange for a volunteer to introduce the show then.

7. What are the proceedings for this event?

The engineer or geoscientist will greet students, mention APEGS and the role of the professions of engineering and geoscience to safeguard the public, and introduce the movie, which should take about five minutes. The contest after the movie will also take about five minutes. Schools may wish to arrange time for questions and should discuss this with the engineer or geoscientist beforehand.

*Regardless of whether schools participate in an “engineering and geoscience night”, they receive *Dream Big: Engineering Our World* and associated materials.

8. What is the expected duration for this event?

Dream Big: Engineering Our World has a runtime of 42 minutes. APEGS suggests that the introduction and contest will each take five minutes, so the evening should take less than an hour (excluding time for the students to assemble and depart). If schools wish to also ask the engineer or geoscientist to respond to questions, the evening will go a bit longer.

9. What kind of contest is it?

APEGS asks that prior to the evening, the school conduct a draw and select a name to be announced by the engineer or geoscientist after the movie. APEGS will provide the template for the contest entry ballots so that students choose their own prize beforehand. The engineer or geoscientist will ask the winner to provide an example from the movie of how an engineer made the world a better, safer place. (The engineer or geoscientist will help the student to ensure they receive the prize.)

10. What are the prizes?

Prizes may vary but will be scientific in nature or in theme. For example, they may be Lego, Robotics Engineer Barbie, *Dream Big: Engineering Our World* t-shirt, or university engineering apparel. They will be determined prior to the evening and delivered to the school.

11. What is expected of school divisions and schools to participate in this opportunity?*

School divisions:

- Provide a list of interested schools to the APEGS communications manager by January 31, 2019.
- Designate a contact for the APEGS communications manager.
- Promote the opportunity to schools, parents, and local news media.
- Distribute the prizes to the schools.
- Manage any local news media interest as usual.

Schools

- Express interest to co-host a moving showing to your school division by January 31, 2019.
- Promote the opportunity to students, educators, and parents.
- Provide a room and the audiovisual equipment and show the movie.
- Provide a microphone for the engineer or geoscientist to address the assembly.
- Conduct the draw for the contest, advise APEGS of the type of prize, and receive the prize for the engineer or geoscientist to hand out at the movie showing as part of the contest.
- Work out any logistical details directly with the engineer or geoscientist who is introducing the show (e.g. where they should go, what day and time, etc.).
- Manage any local news media interest as usual.

12. What is the APEGS communications manager's role?

- Find engineers and geoscientists to introduce the movie and connect them with the school.
- Purchase and send the prize to the school division to distribute to schools.
- Discuss promotion to the local news media.
- Supply some promotional communications materials.

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