



## BROADCOM CODING WITH COMMITMENT

- The ***Broadcom Coding with Commitment*** is recognition of a project by a 6<sup>th</sup>, 7<sup>th</sup> or 8<sup>th</sup> grade student or student team participating in a Broadcom Foundation-supported competition or showcase.
- Judges **shall select** a student or team participating in any STEM category who combines:
  1. **STEM Knowledge** and
  2. **Computation/Coding** in the project's research, design, or development that
  3. **Expresses Passion** for helping or improving one's community
- Judges **must consider** the extent to which competitors have **access to STEM and computing tools to fairly weigh and consider** innovative projects by low-income and under-represented students whose access to these resources may be more limited than to other competitors.
  - Passion for Community is defined as the desire to protect, preserve, save, improve, or promote quality of life or nature in one's family, urban or rural neighborhood, region or the Earth across any STEM category of the student's choosing and consistent with the 17 sustainable goals set by the [United Nations](#).
  - Computation/Coding is defined as the understanding and application of computational thinking and mathematical modeling principles associated with analyzing and applying data through a computer or Raspberry Pi®, NOT merely Googling or Wikiing information.
  - Student Team is defined as not more than 3 students who actively collaborate on research and production of a joint project in the competition, as defined by competition rules.
- **Goals of the *Broadcom Coding with Commitment***
  - **Educate** how STEM knowledge and innovation helps protect, preserve, save, improve, or promote quality of life or nature;
  - **Advocate** coding as both a language and design tool that all young people can use to advance their educational opportunities, careers and life choices; and
  - **Inspire** young people to "think globally and act locally."
- **Recognition**
  - **Public recognition at** Broadcom Foundation sponsored competitions and showcases with the receipt of a formal certificate from the Broadcom Foundation, and
  - **\$250 Dollar Gift Certificate**, and
  - **Raspberry Pi Foundation Official RP 400 Personal Computer Kit**