A World of Color
Coloring sheets of projects from around the globe
July 2020

Jacobs
Challenging today.
Reinventing tomorrow.
Our teams process and service payloads bound for the International Space Station (ISS) in low Earth orbit. These payloads include life support hardware, such as the nitrogen/oxygen recharge system used for spacesuits at the ISS. We also support the Station’s on-orbit operations from our Mission Control support at Johnson Space Center in Houston, Texas. The science being conducted on the ISS is contributing to our efforts to send humans to the Moon, Mars and beyond. This year, NASA is celebrating 20 years of continuous human presence on the Station.
The Al Wasl Plaza (“connected” in Arabic) and its iconic dome is the heart of the Expo 2020 site linking the three Thematic Districts and providing a focal point for visitors. The Al Wasl dome is the largest 360-degree projection surface in the world at 130 m (427 ft.) across and 67.5 m (221 ft.) high.
ITER is the world’s largest nuclear fusion experiment, a collaboration between 35 nations which aims to replicate the reaction that powers the sun and the stars, paving the way to a new source of safe, non-carbon emitting and virtually limitless energy here on earth. We’re also playing a key role in remote handling systems, robotics, first wall panels, corrosion testing, hydrogen monitoring and detritiation.
Jacobs was the Project Manager and Designer for the pier and upland development on Royal Caribbean Cruises Ltd.’s private destination, “Perfect Day at CocoCay” in The Bahamas. The private island is exclusively for Royal Caribbean guests and includes a pier for two of the World’s Largest Cruise Ships, two bridges, a waterpark, zip lines, a freshwater pool with a swim up bar, restaurants, balloon ride and overwater cabanas.
Jacobs, as the prime contractor at Kennedy Space Center (KSC) for Exploration Ground Systems has responsibility for final validation of facility and ground systems upgrades and processing and integrating flight hardware for launch and recovery of all the Artemis Missions. Jacobs helps modernize and upgrade some of the most iconic launch facilities used for Space Shuttle. More than 150 human missions have launched here. On May 30, 2020, NASA's SpaceX Demo-2 mission launch took off from KSC, marking the first time NASA flew their astronauts on an American spacecraft from American soil since the space shuttle was retired in 2011.
The canal’s expansion stands as one of the largest, most internationally significant projects in the world. We assisted in the program management delivery of the $5.25-billion expansion, which used a more efficient water management strategy, effectively doubled the Canal’s tonnage capacity and made room for much longer and wider Neo-Panamax ships, opening the way for additional trade and greater opportunities for people of Panama.
British Airways i360, engineered and project managed by Jacobs. A remarkable feat of engineering, the attraction features purpose-designed cladding and sloshing liquid dampers to limit wind-induced dynamic movements and allow the slender structure design.

453 feet (138m), 200 passengers, 360-degree views — welcome to the world’s most impressive moving observation tower, British Airways i360, engineered and project managed by Jacobs.
A chemist conducts research in the Canadian Nuclear Laboratories (CNL). Jacobs, as a CNL shareholder, is proud of our team's management and operation of Canada's nuclear research and development laboratories, decommissioning and radioactive waste management of legacy materials across 10 locations in Canada.
Envisioned as a 22-mile system, the DC Streetcar’s current 2.4-mile stretch has served more than four million passengers and supported growth of more than 5,000 jobs and nearly 400 new businesses along the H St./Benning Road Corridor. Jacobs leads the program management contract and is also working on the 1.7-mile expansion planned as part of the Benning Road Reconstruction project. The DC Streetcar has continued to operate in the Corridor during the city’s stay at home restrictions to serve essential trips.
The Restoration and Renewal Program has been established to tackle the significant work that needs to be done to protect and preserve the heritage of the Palace of Westminster.
Now under construction and scheduled to open in 2025, Hinkley Point C is the first new nuclear build in the UK for 25 years. The 3.2 gigawatt station, overlooking the Bristol Channel, will supply 7% of the country’s present electricity demand. We also provide a variety of professional and technical services including construction design management, equipment qualification and inspection validation.