



FIRST LEGO LEAGUE CHALLENGE

Innovation Project Worksheets



TEAM NAME:

TEAM NUMBER:

Updated: August 2020

Identification du projet

Name:

Instructions:

1. Lisez attentivement la description du projet
2. Quels problèmes connaissez-vous qui sont liés au sujet?
3. Quels experts pouvez-vous consulter? Quelles sorties pédagogiques pouvez-vous faire?
4. Partagez vos idées avec les membres de votre équipe

**Project
Ideas/Problems**

**Field Trips (Virtual
or In Person)**

Experts

Solution Identification

Name: _____

Instructions:

1. Once your team has picked a problem, think about how to solve it
2. What solutions exist already? How will your solution be different?
3. Can you make a prototype? Can you test the idea?
4. Always refer to the official challenge text for requirements.

What solutions exist for this problem?

Can we solve the problem in a new or better way? Can it be made easier or cheaper?

(Remember: solution must be a “piece of technology”

How can we test the idea? What kind of “model or prototype” can we make to show the solution?

RESEARCH

Name: _____

Instructions:

1. Find as many similar products/solutions as you can find and compare them to your team's solution
2. The goal is to gather enough information to be able to explain how the team's solution is innovative (different or an improvement on something that exists). You can share all this information with your judges.

Product	Costs	How to Implement	Pros	Cons	Other
Our Solution					

RESEARCH NOTES

Name:

Source (Author, Title, Link)

List the facts you discovered from this source

Did you identify any problems related to our team's research topic?

Did you discover any solutions related to the team's research topic?

RESEARCH: INTERVIEWS

Name:

Who are we meeting?

What is his/her expertise?

Questions you want to ask the expert?

Solution Summary

Name:

Elevator Pitch (The Problem, How the Solution Solves it)

Drawing or Image of Prototype

Presentation

Name:

What type of presentation should we give?

Write the script: