3D Printer

O&O tussenopdracht

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Context of use: Education
Level of education: Other

Technology Impact Cycle Tool

3D Printer

Impact on society

What impact is expected from your technology?

This category is only partial filled.

What is exactly the problem? Is it really a problem? Are you sure?

Het Probleem afval word gecreeerd, en het word gebruikt door mensen die er geen echt doel voor hebben en dus extra versplild materiaal hebben. Het is echt een probleem omdat er veel afval in landfill beland, wat een erg slechte manier van opruimen van afval is. Maar aan de andere kant zijn er veel grotere boosdoeners op het punt van vervuiling, en kan je dus beter naar de goede kant van 3D printen kijken.

Are you sure that this technology is solving the RIGHT problem?

This question has not been answered yet.

How is this technology going to solve the problem?

This question has not been answered yet.

What negative effects do you expect from this technology?

This question has not been answered yet.

In what way is this technology contributing to a world you want to live in?

This question has not been answered yet.

Now that you have thought hard about the impact of this technology on society (by filling out the questions above), what improvements would you like to make to the technology? List them below.

This question has not been answered yet.

Hateful and criminal actors

What can bad actors do with your technology?

This category is only partial filled.

In which way can the technology be used to break the law or avoid the consequences of breaking the law?

de 3d printer kan misbruikt worden doordat je illegale dingen er mee kan maken, zoals geweren kunnen geprint worden (deels) op de 3d printers. Ook kan bij moderne printers die een camera hebben misschien ook gebruik van gemaakt worden voor spionage als het gehacked word.

Can fakers, thieves or scammers abuse the technology?

This question has not been answered yet.

Can the technology be used against certain (ethnic) groups or (social) classes?

This question has not been answered yet.

In which way can bad actors use this technology to pit certain groups against each other? These groups can be, but are not constrained to, ethnic, social, political or religious groups.

This question has not been answered yet.

How could bad actors use this technology to subvert or attack the truth?

This question has not been answered yet.

Now that you have thought hard about how bad actors can impact this technology, what improvements would you like to make? List them below.

This question has not been answered yet.

Privacy

Are you considering the privacy & personal data of the users of your technology?

This category has not been filled yet.

Human values

How does the technology affect your human values?

This category has not been filled yet.

Stakeholders

Have you considered all stakeholders?

This category has not been filled yet.

Data

Is data in your technology properly used?

This category has not been filled yet.

Inclusivity

Is your technology fair for everyone?

This category has not been filled yet.

Transparency

Are you transparent about how your technology works?

This category has not been filled yet.

Sustainability

Is your technology environmentally sustainable?

This category has not been filled yet.

Future

Did you consider future impact?

This category has not been filled yet.