Plan Overview

A Data Management Plan created using DMPonline

Title: Intense foci as a vehicle for development in the classroom for autistic learners

Creator: Daniel Mayol Jimenez

Principal Investigator: Daniel Mayol Jimenez

Affiliation: University of Strathclyde

Template: University of Strathclyde

ORCID iD: 0000-0001-9275-4130

Project abstract:

Displaying an intense focus (IF) over certain interests, items or activities, the necessity of their pursuance and a great deal of time spent with them are regarded as significant features of autism. There exists a growing and evolving research in education investigating the benefits of incorporating intense foci into the classroom, with largely positive results. This body of literature has allowed for a reconceptualization of the phenomena and a reframing of its benefits which suggests that intense foci can be used as a catalyst for progress in the classroom. However, the gap between research and practice still remains and the embedment of students' intense foci into educational settings is still marginal and not corresponded with the research findings. It is the objective of this project to investigate the structures and settings where intense foci are developed that have hampered its systematic incorporation into the educative system and evaluate the feasibility of the transference into consistent, informed and systematic practice. In addition, this piece of research pursues an expansion in the scope of the existent research in the field by exploring the strategies to successfully apply intense foci into the classroom for a longer and sustained period of time. Finally, teachers' perspectives and cultural postures in regard to intense foci are explored.

ID: 101790

Start date: 04-01-2023

End date: 23-06-2023

Last modified: 16-06-2022

Copyright information:

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customise it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

Intense foci as a vehicle for development in the classroom for autistic learners

Administrative Data

Creator

Daniel Mayol Jimenez

Creator Department

The School of Education

ID

DSxbb21186

Co-investigator(s)

Dr Jane Essex / Professor Jonathan Delafield-Butt

Co-investigator(s) contact details

jane.essex@strath.co.uk / jonathan.delafield-butt@strath.ac.uk

Project title

Intense foci as a vehicle for development in the classroom for autistic learners

Project Description

Displaying an intense focus (IF) over certain interests, items or activities, the necessity of their pursuance and a great deal of time spent with them are regarded as significant features of autism. There exists a growing and evolving research in education investigating the benefits of incorporating intense foci into the classroom, with largely positive results. This body of literature has allowed for a reconceptualization of the phenomena and a reframing of its benefits which suggests that intense foci can be used as a catalyst for progress in the classroom. However, the gap between research and practice still remains and the embedment of students' intense foci into educational settings is still marginal and not corresponded with the research findings. It is the objective of this project to investigate the structures and settings where intense foci are developed that have hampered its systematic incorporation into the educative system and evaluate the feasibility of the transference into consistent, informed and systematic practice. In addition, this piece of research pursues an expansion in the scope of the existent research in the field by exploring the strategies to successfully apply intense foci into the classroom for a longer and sustained period of time. Finally, teachers' perspectives and cultural postures in regard to intense foci are explored.

Funder

Self-funded

Grant reference number

N/A

Project start date

03/01/2023

Project end date

23/06/2023

Date of first version

09/06/2022

Date of last revision

N/A

Related policies

N/A

Existing data

N/A

Data Collection

What data will be collected or created?

Study 1: open-ended online questionnaire, qualitative data in .docx
Study 2: open-ended interview, qualitative data in .docx + classroom observations in .m4a
Study 3: teacher-reported student instruments, quantitative data in .docx

How will the data be collected or created?

Study 1: open-ended responses
Study 2: open-ended responses + audio-recorded classroom observations
Study 3: teacher-reported quantitative measurements
All data will be recorded in the researcher's laptop, which is password-protected, and this will be transferred post-haste to the PURE repository through the University of Strathclyde Wi-Fi at the campus. Once the transfer is concluded, data will be deleted from the researcher's laptop.

Documentation and Metadata

What documentation or metadata will accompany the data?

Study 1: questionnaires will include a participant information sheet and consent is assumed upon return of the completed online questionnaire.
Study 2 and 3: participants will all receive a Participant Information Sheet, a Consent Form to be returned, and Privacy notice.

Ethics and Legal Compliance

How will ethical issues relating to data be managed?

The main ethical issues, for which approval is currently sought, would be around informed consent of autistic students, confidentiality and anonymity. The researcher will discuss participation with students' caregivers and they will be allowed to ask questions and raise concerns regarding their participation in this project. With their permission, some observations will be video recorded. The recordings and the transcripts will be anonymised by providing each participant with a number code (each

participant in the case study, both teachers and students, will be assigned a number to identify the case study such as case1, teacher1 and so on).

In terms of the questionnaire, this will be completely anonymous and no personal information will be collected.

How will copyright and Intellectual property (IPR) issues be managed?

All data created by researchers at the University of Strathclyde is owned by the University. The data of this project will not be commercially sensitive.

Storage and Backup

How will data be stored, backed up and shared during the research project?

Active research data will be recorded in the researcher's password-protected laptop and promptly stored in StrathCloud through the University of Strathclyde Wi-Fi at the campus.

Study 1: questionnaire responses will be transferred to StrathCloud. Questionnaires are anonymous.

Study 2: interviewees are assigned a code number (teacher 1, and so on) and observations are audio-recorded and equally assigned a code number (e.g. dyad teacher 1-student 1) when transcribed and then they are transferred to StrathCloud.

Study 3: teacher-report measures are assigned a code number (e.g. student 1) and transferred to StrathCloud.

StrathCloud allows the researcher and supervisors to access the data.

How will access and security to data be managed during the research project?

The researcher will be the only person to access the raw data collected on his personal password-protected cloud storage account. Once data have been fully anonymized, this will be transferred to StrathCloud. The researcher can allow access to the supervisors to access this data for supervision purposes only.

Selection and Preservation

Which data should be retained, shared, preserved and destroyed

Anonymised data will be retained during the research project and deposited in PURE upon completion of the analyses.

What is the long-term preservation plan for data?

The completed research data will be deposited in PURE, the University of Strathclyde institutional data repository. In PURE, data will be preserved and curated for a minimum period of ten years. PURE is used for long term preservation and open access.

Data Sharing

How will the data be shared?

The active data can be accessed by the supervisors of this project for supervision purposes via StrathCloud for the whole of the research project.

The completed research data will be deposited in PURE, the University of Strathclyde institutional data repository. In PURE, data will be preserved and curated for a minimum period of ten years.

Any data which can be made public will be openly shared via KnowledgeBase, the University of Strathclyde’s research information portal, which provides public access to research carried out at Strathclyde via multiple search engines.

Are any restrictions on data sharing required?

N/A

Responsibilities and Resources

Who will be responsible for data management?

Daniel Mayol Jimenez

What resources will you require to deliver your plan?

Access to the University of Strathclyde storage places: One drive for business and PURE